```
tgcaggatgc gaatgatcga cgattttct gttggtagga tacggacgtt caaatcacga      300
aggccattgg tctcggattg gttctcagct acattcgctg caanacactg tcctctgacg      360
tggtaaggtg gtgagacttt tgatcggcgg tagttgcaaa ttgttgtcgg gtggcaaagg      420
atcccagcca ccctgttgca tgaaaataaa cggggactct tgctgtacat anantctctg      480
tcntataggg tggncaaang ggaatggatn tttccaagac                            520


<210> 2087
<211> 655
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

<400> 2087
ctcgaccctg tgacgataca gtgcgacgtg acttgctgct tccccgccat tgctgcctcg       60
cggggctct tgtgattcac cgagcatcat gaagctaaac catttatagt ttagccatct      120
agccccgcgc gcatgtccag tcaacgtgag ttgggctggg tgctgctgcc acctgctaag      180
gtgccatctg ccctgggttt ctgttaatgc ccactgtaac ccgcgttgct gcctctcaag      240
tcaaaacaag tcaagacaag tctgcgctgg ccgaccgctc atctgtaggt gtttgcgcgt      300
actgtgtctg tgtcactgcc accttctgtc actctatgca tttcctcacc tcacctaatt      360
attctgcctg acgcaagcaa accgtaacct agttnttttt ctcatttcca acccttnatc      420
tccctttct tcccttctt nccttntttc tcaaccacaa ctttncaact attttgctgn      480
ctgaacccaa cagtcattgn gacacttgaa ttncaccact cttgacagca cacttaccgc      540
ntcacaacaa ccatnaacgt naacatgcgc agnaaattca anggacgaac aaccttttca      600
agaagcgcaa aggtgnggcg gccntccaaa aaaanactac gtttcggttt ttgga          655


<210> 2088
<211> 667
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 2088
ttttttttt ttttttttaa ggcttncaat gttgctgtat tttattgtga tggtgtaaca       60
tcacgatgat agacatgagg gctttgggtc tacgtttgca gacccaacat gacggcacag      120
ttcaattctt gtgaaactct agtccgcaaa cgtcgatgac gcctttcatt ccatgttgtc      180
caggcaaatt cccaagtcga gagaggttaa atgtgagtca gatgcagcca anaacgaggc      240
gtccggggtt agataaccga cgcccttgtg ataacaactc caacacaacc tctgagtttg      300
gcaagagggc agcagtctgg ggtagttgtg acttctncaa gctgggaggc ggtgctggct      360
tccccggcgc tgagggtgaa ctcgacgagg aagagggcga cgacgaagac atgcccgcgc      420
tcgagggtga cgacaagaaa ggacgcccgt ccccgctgct gccgctactg agaagaagga      480
ttaaatccaa caaatatgat tgtttgacgt tgccaaaggc gagcatttct gaactatagn      540
acaggattag gctgggtaac tttggcgtng tgcctatcaa ggnaggctta tttctcggat      600
atgtagttng cactgcattg cctgtttnna tatggaagca aanaaatgga aaaatcgtta      660
acctatg                                                                667


<210> 2089
<211> 512
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

<222> (1)...(512)
<223> n = A,T,C or G

<400> 2089
tgttttgttc ctgaatcaac ccgtcgtcag gccagtgaat gtcacgtcac cgaaatacat   60
acaagccagc acctatcaca ccttcactta acctttacat ccatagaacc aaaagccaat   120
tttttgtcg caaccccaag ctccaactgc tcacaaccgt ctttgcttct tgaacgactc   180
tttcatctcc attttctcac gcaatgccat catcatgacc tctcaagctt catcatcgca   240
tcctcctgcc tcatctaaca atccgnttnt taacatccca accagacctg gaactcgaca   300
tccctccccc aaanaacaac cgtctcgtnt aaaatacctc ctccgcacac gttatcctcc   360
gcagtanggt gcgttaatct acaaggcgat cctcctgagc ctcggggtca gtnaatttta   420
aacgcctccc cgcgtgngca catcgacaat ccaaaagnaa ggggaagntg caangcccac   480
gtgatagggc tacgtaatgg tccatcgggg ag   512

<210> 2090
<211> 136
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 2090
ntntgccaan gtccttntgn gcgttngtta tangagcact gcccttttna acacgggctg   60
ntaccganca atcttgtcat tgcgcntcna aaagananc ccaaacnttt acantggccc   120
anggcattat aaccat   136

<210> 2091
<211> 431
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 2091
aggaataccc gctgaactta agcatatcaa taagcggagg aaaagaaacc aacagggatt   60
gccctagtaa cggcgagtga agcggcaaca gctcaaattt gaaatctggc tttcgggccc   120
gagttgtaat ttgtagagga tgactttgat gcggtgcctt ccgagttccc tggaacggga   180
cgccatanag ggtgagagcc ccgtctggtt ggatgccaaa tctctgtaag tctccttcga   240
cgagtcgagt agtttgggaa tgctgctcta aatgggaggt atatgtcttc taaagctaaa   300
taccggccag agaccgatag cgcacaagta gtattagatc gaaagatgaa aagcactttg   360
aaaagagagt taaaaagtan cgtgaaattg ttgaaaggga agcngtttat taaaaaaaaa   420
aaaggccacg a   431

<210> 2092
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 2092

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```
cagggcctct gaaatctgtc ccctagttga tctccgagct agtacttgaa cttgaacacg     60
cgcaatttcc atatccgaag caattcattt tctacgactt atttcctcct atacactcaa    120
tctttgtact tctgtcttct cgattccttc actcgtcaac acttgaaccc ttcagacacg    180
atggcgcaaa ctccccagca acgacgacgt aacgaggcct ttgccaaggg caatgagaac    240
aagatgggca aggccgagca gcaagtcaaa aagcgggttg agaaggtcca aaagtcaccc    300
atctctatgt tctggctcag tgtcctcggc ttcgttatct tcggcggtct tgtcttcgag    360
ggtctctccc gattcttcgg ttaaacctat tcttcgatcc aacctctctg tcctacaaaa    420
cacaaacaca aaaaaccaaa acaaacaaca cacaaatccc caatcaagct tcgctcaagc    480
ggnggcattg taattctttg gagatataag aggtgttggc agcnttggcg ccgtgcggtc    540
tacatacgag cgngggtccc aagtccacca tccaangagc tnaaaagggg gcagggcctt    600
tactggnttt natggt                                                    616


<210> 2093
<211> 167
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G


<400> 2093
nngggggattt ttaccaaacg catgcttaac caaaaggatn tgnccccgat ngggntttag     60
cnacccgggg attttttag gaaaagggaa aacttgacct gggcgtttac tccggctaaa    120
ggcntttana gggcnttttt ttgcaaaccg ggggggacca aaagtta                 167


<210> 2094
<211> 546
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G


<400> 2094
cagctcctcg tagctccaga ctttgcttgt tacgaccgac tgcacgactc aagccaaaat     60
gtccgattct accgttgccc gtcctcctcc cagcgccatt tccaggccgn ttagcgagtc    120
tnttctcaat gagaagnggg accgctgcct ctccaacctc ctcgtcaagt catccctcgg    180
tctcggtttt ggtgtcgttt tctctgtcct cctgttcaag cgaagagcat ggcccgcctt    240
tgtcggcgtt ggcttcggtg ccggccgtgc ctacgaggag tgcaacttca gcctgaagca    300
ggctgcgcga gacttgaaga agcanaccgc ataagggaac tgcggattgg gcgtcnacta    360
aagacgagt cgtttatttg taccaagaac aaacacacca gaacatggng gggtgttaaa    420
aaaagggcac ggagatcttt gccatggact ccagggagag ccaatgtcan aatangacgt    480
tttttccaga tcaatagagg nattatgnac aacanccctg gcattttta atntttaccc    540
cagtct                                                               546


<210> 2095
<211> 555
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G


<400> 2095
```

```
ttcaaagtaa aatgggtatc ttagtattca tattcataac actagaagga tgatccctgg        60
gaaacacaaa gttgggccaa atgtctattc gacgtagcag cataggtaca cagggcagct       120
acatcggaga aaaattgatca agacaaataa cccaaattgg gttttatagt ttttttcctca     180
atacattaac aatccagaaa accttccgtc tcataaatac caacaaaaga atcaatgtat       240
gtgcgcaaca gagtctcaat atacccagac tgctccatac ccagaagaaa cgagaaaccc       300
tctaaaatgc agtcatgaag tcatggaacc ccaccctaga accaaagatc aaatggtgcg       360
tgactccgct tacaaagcga aagcggccat gacgaagacc agcaataacg gcaacgggag       420
caccgaaacg ggctcaccat atttnttggt ctggcgcatt tnccctaaag acgcccagcg       480
aaacagctgc cgcagtcggc aacggcacag caacancaac agcggagtcg acgagcctgc       540
cctttnttcc ccgaa                                                        555


<210> 2096
<211> 1004
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1004)
<223> n = A,T,C or G


<400> 2096
cggcctcgtc gctcgctttt tgtcgcttca acaacttcag cctctccgat ttgggctttt        60
actaaccttt aattcaccgt tacaatggcc gaccaaggag gagctggcgc tggagccccc       120
gtaactacca tcgtcccttt caacaaccaa caagttcttc cagcttgtgc cgccgcctgt       180
ggtcccctct acgatgccaa cggcgcctgt gttccgcctc aagtagccgc tgatgccggc       240
cccaaggcct acacatcatg tttctgtctc gaccagcgag tcgccgcttt caagactgca       300
acccagggtg tatgcgatga agcatgtggt gcagaaggtc tttcctcaat cgctggctgg       360
tttcgcagca tgtgcggtac cgcgaccaag acgaatgggg gatcaacaca acaaactgga       420
cagggttcaa caagctacga cggctggaga ttcttcatca actgctggtt caaggctttc       480
caacaacgag ggtggtggtg actggatttc aaaccattgg cagtgggtca tcatgattgt       540
tgttctcgtt gtcggcatca ccgctatctg ggtcggtgcc tgcatttggc gtcgtcgcta       600
cctgaagaag aaggatcgcc aatctcatct cattcaaaag cattncggtt ccgctcgcga       650
ccatcctggg gtcccggtat ggaggcctct gagggcggca taccttacga cgacgaatcn       720
aaccgaaatt cgcatggcct catgcttccc ggtgccaccc gctngtgctg tcgaaagagg       780
agccaaagga gaagaagcga tngatcgtcc cgancgaaca tgatgatggt catcgttcca       840
ttaacgcctt ttccgacctc gtaccattnt cttgtcatat ccgagttcaa tcaaaagaaa       900
nttcgaccta ctcttntcgc ttacncatan acgggcntta cactttcggc ttgtttnttt       950
gagggatcca ctgctttgat ttgnagttta ctggcggttt nccc                       1004


<210> 2097
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G


<400> 2097
gctgaaatct tagcatcaca tataagggcg cggctgttcg tgtcacagct tttgcgcgaa        60
aatgactttg aatgatgcac atagaaggtc tattgttggc aaagcatttg cgaattggct       120
ttcccgaaag gaagcctcaa tggtgcgtgt attggtttcg gaagatcagg tcggagcgac       180
ggatgcttga ttctaagacg gatatgttac aaaatctcaa gggttggaag acaaaagtga       240
cttgattact cgccaatgtc aagggcttgc tttctttggt gttgacggtc gagtctatac       300
ggtatggant tttgtttgct ggggcgctg tctgttttat atttcacaag cccggaagcg       360
acagaatctc gggttcgaca ttttttccat ctcgacatga cggtagggga acacacgggg       420
antcattgat ttgtcctctc tgggcttcat gggacggtgg cggtactact ggaaaatcng       480
ttacgggttn ggtgcatacc aaaggggant ttttaaggtn tattttgctt ggccttgtna       540
```

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ctcaatatcc antcncccgt gtcgctcata ctgaaccnac acaaactaac   590

<210> 2098
<211> 153
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 2098
ngtaagaggc gttanngtct tggcttganc accaacttgg gtcagantta ggtctatnta   60
tgggatactc aacggtnaga gagaatttnn gtggagcttc gcgacggntn ctacatngga   120
cagccatgca tgaatcatca tgtnnagaag tta   153

<210> 2099
<211> 508
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

<400> 2099
caattatcta aaaacccttc tctccacact tcgctcagac cgaaccacgt cagacgagaa   60
tcaattctgc tgtagccaca ataaacatct ccacagtcat cgccgccacc aaagaaaata   120
tttctgccac cattcaaagc tttgcttcgc tcaacctctg acagccccga ttagtacccg   180
gagctcccga ctctcccctc caaacccatc ggccctaccg accagcagat tgcgaccgat   240
atcgacccac gatgccggcg tttcaaaaca aaaagtccgg tccacggccg acatgaaaca   300
ggatcggcat ggcggtatcg caacctcatg aaacaagcac ccattcctca tgtncgggct   360
gcccttcctc accgtcatcg ttgctagctc cttcgtcctc acgccagcca tngcggtccg   420
ctatgaacct acaacgcnaa gttcgcngat gacnaaggan aagaactcac ntgntcgatt   480
gccanaaagg tggactgaag gaagaata   508

<210> 2100
<211> 539
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G

<400> 2100
gcaaaccaac actcaaaagg gaagcgatga atgcgagtcc aagatcgagt ccaagtgcgc   60
caagcagaac cctcctaaga acttgctag cgacgacgac ggcgatgacg ataccagctc   120
cagtgccacc gacactgcta ctgcctcggc cactcagact tcgtcggacg ctagtggcac   180
cgcananngct gtgtccacaa caacttctga tgcctttgct gccctacca tggcgccagc   240
aggcaagggt gcgccgccg ctgttgctct cggcatgttg gcatacctcg tctaagtgtt   300
ttcggggctg aagcgtgggg tgctgcgatc agcagtgcca cgacaccatc ccggcacccc   360
accgccacgt gccgtacctt gccggtgggt gtcntgtcgg ggttgctcaa cacttatttt   420
cacttctact gcccatttta ttacacagta cacctttcg acatgcaacg cgataccttt   480
tgatgaatta aagaccnaat gatgcaagct ttggtaaagc ttggatgaag taatgacac   539

<210> 2101

<211> 561
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(561)
<223> n = A,T,C or G

<400> 2101
cttcatcttt caacatcaca ttgcatacct tgttcataac ataaaggtct tggcctttat   60
acatacccac ttcctcattc acatcatata cacattcgta cacacaaact catcgacttg   120
acatgatcgc atcgctctca tcgtcgccac ccacgtccat gccttactca acttcccccg   180
actctcacat ttacaacacc gacaacatgg ttcgatcatn ttcagcagag cccgcaaaga   240
gctcaagcga aagggccccg aagcgtttca cactcacacc atnacaactt gcgcgcaaga   300
naccaacgac cgagaggntn agcgagctat nagggcgcga accaaggaca catttgtcgt   360
ntggagcgcg aattggagga ctcaaaanca agcagagccg tgatcanacc gtccaagact   420
tttttaacgga ccagccttgn gagggcttnt gcgacttaag gaaacatggg cgtttaatga   480
cctatnacct tatttgnact gggacnatnt ttaaacacna accttgtngg tncctacaac   540
ctcacggata tggggttctt a   561

<210> 2102
<211> 492
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 2102
gttccaaact aatgccagta ccgacaaaat tttacctcct tgtgtaactt ccactaatca   50
ggtctcctct ctaaccttcc agccgtcaag tcgtcgtgtt atcggtggag tatcccgaga   120
ttgccacgct tacagagaga agagagaaga gacaacnacg ctnaagtaca gaaaagacaa   180
aattaacaag tcagcttacg ccatcaagac ctaacattta gcctgtttat ttttgcacca   240
caatccaact tttctttgcc cactcccgcg tttagcatct tctccacgca atccctagac   300
tgacctgaaa atggagtcga atgcaagcat cctagtgcaa actgtcatgt gatgattatc   360
cttgttggtc cttctanacc cttgcggtaa agggtgttcc cntagacaac atcagataca   420
actgcgctcc ncttcaaggc acttccacca gcaggacatt ctcctttcca cctgtcactc   480
aganaatcct tc   492

<210> 2103
<211> 631
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 2103
ttataattga cttcgtttt cactttgatt ttgtcttctc atcgactgtc gtctgtgtca   60
ttttcatatc aaacgccaaa gtcacatttt cactcgagtc aaactgatct actagtgtag   120
ttaactcaaa cgcccaatat ctgaaccatt tatcgttgac cccgccggca accaccggct   180
tctcctttgg ctttttatct ngaggctcgt cttacccttg ttaaagttgc atcaagctcg   240
gcagtaagag ctgcaggagg cttcgtcaac acttaactat cgatatcttt gtgttcacga   300
tcctgatctt ggtctgaact attcggcact ccttacgagt ccaaacaatc tcccagagct   360
ggaatatctc aagtgtttct cggtgaactc tatagactcg aacacgacct tctcactttta   420

```
naactatcat atcggaagaa tttgttcggc tgccagccaa catgggatac tntttacccg       480
cngagatcgg ggggncaacg cccctttgtn cccggcggaa aanctcaact tttattngnt       540
gccattcang aatattcccc atgggcaaga tttggcccca cccancttta aaagaccatg       600
tgttgggccg attttttact cccgggcgtt n                                      631


<210> 2104
<211> 531
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 2104
agcgttagtg acatacatga aacgtttgcg cacacagcgc gaagaaacct cgaaaaacca        60
gaaaagccaa gaagaagaaa gaaaagaagg cccgggaatn aaaaccgaaa gaacgaagca       120
acgcctccga aagctcatct cgccaaattc gaaggatcgt gttcaatgaa attaaccgaa       180
tcgtctgaag aaaggctgtt cgcgaaactt ttngaccgca gagctgaact cgaagatgaa       240
actggtattc tcagcgaatt atacgacatt nccagtgctg aagcgcccca accaagacac       300
tcccggaaga acnagacaag cgatgaacag aaggctctag cgtccttgaa ctttcaaaga       360
cctgctggcn gaaggagcgg aatacaaaaa tntgtctgcc nccagcggta tgcctcacaa       420
cactacgcng ttcnaaaact ctgggccgat gccgccgccg gagaaaaaga acactctgcc       480
ngaccctcnc cccggttcnc ccnaacgggg aaaccttatt ggacccgctg c               531


<210> 2105
<211> 320
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 2105
nggccagctt cgccaccagt ccctataagg caacccanca ataacatcaa tagacggtca        60
tcangaagga actcncaaac agtcnttctt ctgaaggagc tggactctgc ccnaaaccna       120
aatgcttggt atgcttctga attggagctg gcacggaagg ctggctacgt ccccaacact       180
tngtatagtc ctttgcttga cancaangcc actgatactt tcgacgatga ggatcgaccn       240
ctcataagag gctttgttag caatgagatc cgagctttgc caatgtccac accgnanttt       300
aaaagccagc cgtgtctctt                                                   320


<210> 2106
<211> 177
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 2106
nggctttttc ttgtngaaaa aaaccntggt tttggaantt gggacnaaaa aaaaaaaacc        60
cncggattcn ggcctttcaa tgggataaac ctanccantt ccttgggaaa ncccgtagga       120
tggggggtcc tttgggntaa accccaaaac aattcccgga cctgnaggct tttgggc         177


<210> 2107
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<211> 473
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 2107
ncgcccgccc ttaaacnatt agattttgga tgccaaccca gatgtgatag ctctcaaatn   60
gggatatnt atnttgcaaa tacagagaca acgtgcccca ccgatattca agcgctcagc   120
cgcgcaaaag atgaggctgt acaaaaccct gaagcnttta taagtgacct tgtcgcgaac   180
aagatnaata cacccaccag cgacgatagc gacagcgatg atgacgatag agagatgagc   240
gagcagggtc cgggaaacaa gaagcaagac cccggngaag gctncttcaa gcagcgnatt   300
gttccgaacc accagcctgg aggaatnttc ctcagccgca aaacgttgtt cgctgccccc   360
ataaactggn cttaatatgc tgnagntggc gactccctgg ataagctgca caacgaacaa   420
gtcgccgttc aaaccanggc acgccggcaa ccgnggncgc gaacggtttg tac   473

<210> 2108
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 2108
tttttaacaa acaaatcatc atgctcatgg tctacgtctg ctactaccaa attcatttga   60
atcgtctaat ggccttaaaa cgcctcccaa tccanatcaa aagctccttc actgatctcg   120
aaagatatat cagtgtccag atgcccactc aacagcacca cttcacatgc accacgctca   180
ctactaccaa caccatgtca tcctccgcta attttggtat cattgaatga ttaaacgact   240
tcgccggcaa tggcgaacat ctaacctcag cttcacttgc ctggngaggt ccataagcct   300
tcatatctag gcatacaagc agctgacgcc gtcatgcatc gtgtattttc gttgcaccca   360
tgatgggatt tcctcgtcgc aagatgttta ctgggaagcg cactgcacgc gctcaccacc   420
ggggnggcca tcctcgtcat cgcatccatc atgccgcgga gccaccgaaa actntgnttt   480
gggcaaaagt tgtcngangt ccttcaggct ggcaggctcg gacatggcat caccaggaag   540
aacgttctgg acaacagggg ggggngaaaa acctttcgga ngcttttnaa aaacttcggn   600
gttattcggg ccaattnttt ttggggaa   628

<210> 2109
<211> 132
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 2109
nttatataan naagttgctt ngnaacacac ttctatcata gncaattaga acntttgnga   60
gatgcgtccn tntttgcana atanttctaa tttnntttgc tttctctggn ngccttttnc   120
nnattcattt at   132

<210> 2110
<211> 616
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 2110
caaaacatca atacaacaat ttccatttcc tttttctata tttccttatt tcctttgtca   60
ggtcttattt ccttacaaac cttcgcttct tctcagtcgt ctttgccaac agtttagttt   120
cacttcattg tttccaattg tcaattattt cgactcttct cccatacaac gatattcaaa   180
atgcattctg ccatctttgc catctttgct atctccggtc tcgccgctgc ttctcccaac   240
tccaagcccc agaccgaatg tgagggcctc gctcccctcg gtctcgagtc agtccagtac   300
tacgtctgcg gcaagaatgg cttncgtgga tactgctccg aagacccttg cgacaagaag   360
tggtgccgag actttgcctc aagacttgcg accttgnctt catcactgag cctgaaccac   420
ctgtcgtcgn caaccctgtg taggtggcac gagtgggagt ctgagacagt tccactgncg   480
ccctcaagcc acttcactga cttccatcgg cgaatgtgct cctggaacag gattttccca   540
gaactggtcc aacggcttcg tgggatgctg caagtctgag cttgcactgg cgatgccggt   600
gtctggcccg atacca   616

<210> 2111
<211> 526
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 2111
ttcatttttc tcaatgactt cgtttttttg tattattctc tcttttttct aaccaattga   60
tattattatt ctgtcttttt tctttactat agttatttcc gttctttatt tccttccact   120
gtcttttaca acaatacaat caataccaat cgagaaccta cgaaagaata tattttctct   180
ttctttcaat atcaacaaca aattccttcc ttattctcat tattctatac cggtttctta   240
atgcttggaa actttatcgg ggtcagggac caggattcct attcgaactc gacatttcta   300
tctcccacgt ctgcgacggg ttacagcagc ttctctacca acaacaatca atatcaacaa   360
gaaaacgaca caatatgcgc aaaggaacac gccctcctcc gctgaactca gcatcgtccg   420
aagccgcggt ctctccgnan tctcgacacc ctcagccatt gccanggaag tcactccgct   480
actgacactc tccggaanaa ttgatnaacc tcaggactgt cctcgg   526

<210> 2112
<211> 409
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 2112
atcgaactca aaaatgaggt tcctccaaat gggccganac nagttattcg gtccaacggt   60
caaatctaa caaaattgct ggtggttttg gaaccggcaa aatcgcagca tgagttaatt   120
accttanttc ccctccgtac ggnagtggat cacccccta catcgaatgg nggctacccc   180
gaggncgac tcaatttttg ttgaacctag gttatcaagg atatcaggac atcagtgcat   240
natgcgggc tgcacagcgc aagctgtggc taaaatcctt tcattccat tcatgcntgc   300
ataataaact gcacaacact tgtcatgana ccattgttta tgcaacaaat catggattac   360
tggtcctgac tggtctactc aggtaattac cgggcgatga taccggagg   409

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```
<210> 2113
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 2113
ttcgcgtcta cgagtttggc cctgaggatg gcgaaaaggt ccttttttgtc catggtatca      60
gcacgccctg catcacactt gctcctatta ccctcgccct ttctaagcga ggctaccgag     120
tgatgctctt cgatctattc ggtcgtggct tctctgatgg gtgtcgctga tattcctcac     180
gatgcccgtc tctacgtctc tcagatgctt ctcgttctaa cttttcaagcc cctctcgctt     240
gggaacgggg cacngaatgg ctttttcccga actttggtcn ggttaccttc ttctcgggng     300
gcgggtaatt ggccaatccc acttttggcg aatggctttt cccaaaaccc tcggtnccgg     360
tgaantnttt ggtcccttttc ttcgcccnca aggctnggaa ctttaatccc ggcgcccggc     420
cttnctttcc ggcccggtgg tcttccccgg tttcccttct tncggtctct tggtctttcg     480
tccccttgaa gcggtnattt tnggccttgn aanccaaaca acgttccggt cgttcnttca     540
agaaaacccc attcgcttgc ctttcggcaa agggcccggt tttctaacgg nggcccaatc     600
ggaaatcttg gtcacggaac gcccac                                         626


<210> 2114
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 2114
gtctgagcca gcacactgtc gacttcttcc tcaacgatac cattcccaag tggcacaccg      60
ctgccaacct caccacccga gttattcccc cggtcttccc cgtccagatc cccgaccctg     120
atctccagcc cggcatctct ctgtctctcc agggtgatta ctcttccggc cgacgcgact     180
acaacggtat tttcaaccat ctcggcagcg ttgttcgaaa ggctggcgag gaggccgagg     240
gccacagccc caagaacgtc agcctccatg ttatcggaca tggtactcct cctgaggtcc     300
ctgaccatgt taaggaccac gtccacttcg atcagggtct ttcataccccc gacttctaca     360
ctctgctgtc caagtcgttc gctctccttc ctgcgttcgc ctctgataca tacttcgacc     420
gcaaggcttc ctcgactatt cccgcatccc tgatcgcagg agcccccatc gttgcgacag     480
aggagctgct caaggcttac tcttacatgc ctcgcgaggc tacttggttg gcccgaccag     540
gtgagggcga gatggatgtc atcgagcgag taattgacga ccgagacggn ttncttaacg     600
aagacaagcc cgtgagggat                                                620


<210> 2115
<211> 412
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 2115
ctcactcatg gtagccattt gctaccacaa atcgtccgcc tcacgccctt gaggctcgca      60
taaataccgc cgctcctaat atcctccttc cgcggtatcc atacctccta caatatcttt     120
tcgacatccc tcccatccct tccggcgcct gtcgacgcag cacgatccga acaatgcctt     180
```

```
ccctaacggt cctcatacct ctggtcattt tgatcgccct acctctgata ggaaaacttc        240
ttcgcacgtt tcttgggatg gtctcttcga aaacaaacan aaggtcgccg cgcccacctt        300
ctgggcctca tgacaaagga agnacacagc tgctcttcnc aagggacccc caaggtacgc        360
tgaaaaaaaa ccncgtnttc caactttnan aaaaacccng caaaacccct ga               412
```

<210> 2116
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 2116
```
accattcca acgatatgac cctcataaag tctgggcatc attgacagac gtcgttatac         60
ataccagcat ctggtgccgg ctcaatcctt ctgtcttcct tattcctctc gtcctccaac        120
ctcttcattt ctacctgata gtcgatacta tcatccatct tcataatgag gtctcttctg        180
actctcacat tggccacggc tagttcagct ttcgtcctcc cagagtcgct caatattttt        240
aatgatttca aagacgatct caaggaaact ctagaggaca ttccaaagcg tctccgcaag        300
tctcttgatg aagcgaccga tcagctctcc actgagatct cttccgccat tcacagcaag        360
cttcaagatg aagatgcttt ctttcacgac ttcgtcgaca acgatgtcac cagcagcgac        420
gagcccctgt ctgtctttgg tagaacangt ggcgacttca cagaccacac cacatatgaa        480
ctcatcgctt agagtaacca cacaaagaag ttcttcaagc tcgttcagga gcacgaaaac        540
ttttgggaag cttctgaata gcactgataa gaactatact ctntttgtac cccccccgatg       600
anggcctttg agcatattcc tgan                                              624
```

<210> 2117
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 2117
```
ttctgcatct ctaactaatt tcctcttggc tattcatcac tctcgttctt ggttctgtca         60
gtgttaccaa ctttgtcggt accgacaaac gcttggtaat cactttgaca gttggaattc        120
acctgacttt tgttccttct tcggtcgttg tcttggtgat ctcccctatt ctgtttactg        180
atcgactctg caacaactat ttgacactcc gcttctcaag tctactaccg acatcatgcg        240
ttttccaag cacgtccttc ctctcgctat gctcctgacc ggcgccattg ccgcatcaga        300
cgaggagtct accaccgctg tcgaaaagtc caaggctacc gacgacaagg ccgnaaagac        360
aaccgccgac gaatccaata ccgaagacgc gacaggggaa gccacggcga ctgccactgc        420
cccggaaaaa acgacaagga ctccaagagc gacaagtccg atctgagacc aacaccaaca        480
ctagagagaa ggnggccgnt tcaaaacggt tctgagaagg gaacggacct acaatccttg        540
ggacccttct ttacccaaan taccgttncc gaaattaacg cggtnctntt tacccatgac       600
ccntggnggt gggggggttt atn                                              623
```

<210> 2118
<211> 417
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

<400> 2118

```
cggcatcaca aacaaagata aactcaatgg caccgtnaaa agatctaggt tngggtcaag        60
tcctcgcccg anccctntcc tcatcaacac tctctcaacc accaactctc gtctcccgcc       120
aaaccgtcna naccgtcacc gttactgcan acaatggaaa cagcncccaa actctaagcg       180
gcggancaat tgctggtatt gtcattggtt ccatctttgg aattctcctc cttctntgga       240
tcattcgctc gtgcaccaac ctaggtgcgc cgccacagga gagggagaag tggtatcact       300
acaaggaaga gcctcgacat catcaccgct cgcaaagtan acggtcgcat cggncganca       360
tttctgccct cctccattgt ggtagggact cgagatcgag aattatcgcc ggggaag         417
```

<210> 2119
<211> 774
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 2119

```
ttggtgtata tatatactcg aggaaaggac acctgcagtt tgatagcgtc atttcgatct        60
accaaccgcc aactcagctc aagccaacac agccttactt atcaaccgac gcctcaatcg       120
ctggcagcca actctattga ctttttcccaa ccaatattcc taccctcaca aatttcttgc       180
accaaaacat cattttaccc tactcgaact ccaactaccg caaaaatggc tgcccctgct       240
gaaaagacca tcaccgacct tagtggtaaa tgggttctga acaagacact ttctgatagc       300
tcagagccca tccttgccct ccagggcatc ggctacctta ctcgtaaggg cattggaatg       360
gctacaatta ccattgatgt caaccaatac agtgccctc ctaaaacacc aaacacctcc       420
actgacgtct ttactcacat cgacatcacc cagtctgctt ctggcttgac aagcacccag       480
gagaaccggt gccttgactt tgagcagcgc gagcactctg actggctatt tggtgctgtc       540
aagggccgtt cccgattcgt cactcttgat gangtcgaag gacgactttt ttcaagcagg       600
gctggctcgt tgaggccgac ggcaaattcg tccaaagcat cgcggganag tggtgacaat       650
gggtgggtcg ccaaccanaa tctggggctt cgaagaaaa tcaagggtga naagaaatat       720
ntcaggcacn tcctggttac caaaggttac caaaagggtc ccggccaagc tcat            774
```

<210> 2120
<211> 543
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 2120

```
ttggccttgt tcagggccat ctcaccatac tactactctc tcagcgaagg gggcaacatg        60
ttcttataca acgacgctat gtatctggca gagcggctct ctgagtttgc tgatgcgtgg       120
aanaagcgcg aagacctgac tcccagagcc cggaatatgc tgcgacttga aaacgacatc       180
aagagcctac aaagctttgc taatcgcagt taccccaacg agatgaacat ccagaaaacc       240
atccttcgcg atttcctcgg nggagctcaa agtctgatgc ancaggatga aatggagtct       300
tgcgtaaagt ggcaacnggt cgcattcncg cganggcatc tgtctggaaa tccattctgg       350
ctcgtcaant tggacacang ctttaggtnc ctgntgatgc tggccaacna actgacacaa       420
cgtccttgaa atgtcttcat tgggangaga nggctcaata tanccaaggc nttgtttgca       480
caaaactnat gacctttctg ccnccgttta cggtctgaag ggcaatgggn ggtctnaaca       540
naa                                                                    543
```

<210> 2121
<211> 636
<212> DNA
```

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(636)
<223> n = A,T,C or G

<400> 2121
naagtactct tccaaatatt gtacattnat ggatagccat ttnaagctta catanactta     60
aggtagntgg tctccttaat cttggccttt ctntnctttc gcatcgccct cttgagctct    120
tctcgctttt gtgcggcctn aacgttgtgt ncaacaccct tgttctcctc gccaagaatg    180
ttgatagact gctgntggat agggatcttg ggagctaagg cttcaaggtt gccttcggcc    240
aatagctngg nctcatgagc cttttgacgc tttgntgcca gntttctttg cttcttggat    300
ttgagaattc gtnttnagcg tctgcgttcg cgaatcancg tcttcttctt ccatccaaac    360
acntncacaa ccactctggg tactcgcggt atgtttcnaa cagggtnctg cccaagtctt    420
ggtgtagtnc agtncgctga gaactcttaa tcccaatact ctctcttncc ttcccatcgg    480
ggaatgggca atctttggga tgcggaangg atntggtcat nanaatttgc ctgaccattc    540
tgggctacat tcctgggtna aataccgcct tttatnttga gtccatntac tttgaccgnn    600
aaaggcaagc ccgggaggcc gttttgaaat ggaccg                             636

<210> 2122
<211> 298
<212> DNA
<213> Fusarium venenatum

<400> 2122
gccagcgaca agaagagctt gcccttgaga aggagaagac ccgcaaggct aagcgtgatg     60
ctgagctcaa gggtcttgac gccaaggctc agaagcgata cctcgagaag gagagggaga    120
aggagatgcg caagagccaa aagcgacaga ctcagcgagc ttaaagccgc tgttgggaat    180
ttaatatgtg taaggatata tcggagggca aatagtggga atctgcaatg ccatggttgt    240
atagtgtagg agcgaggatc tgtattagta gttattaaca gcctaattcc ttatgatg      298

<210> 2123
<211> 429
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 2123
atcaattggt cctgggtcgc atgtaatgca gcaagcagtc agagaatatc tgaagctgct     60
gtaatcatgc ctcctcgagt gcgcggcgca tcgacgccgc tggctggcct cgatgccgcc    120
gtttctatct cctccaggag ctcctcctcc ccattcctcc gaacgttctc gacaacgcca    180
tgccgcgaga aaatgagcaa gggtcgcgcg aggatgttcg agtggctgaa caatggcggt    240
ggtaggagtc ttgctgaggc tggtaccagc cctaactacc ttggtcctca ccaagatcag    300
ccttttcctc tcaacccctt gttccgaaat caacctgtgc tggccgatca gacacgcgag    360
acatatctag acaaggtgat angcaagggt gagtcgctca aggcggtgtc tgctgaaatg    420
caaatcgac                                                          429

<210> 2124
<211> 792
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(792)

<223> n = A,T,C or G

<400> 2124
ctttgactgg tattggattc aaacaacgta ttccgacttc ggcactgcgc cagtctcaat      60
acttcaaaac agcgacgatc accacccagc aaaaaccgct acaatgcgtt cagtgacgca     120
gcctctgctg cttctcgctg ccgcagctct ttgctctgct ggcccgctac ctagagatag     180
tctccatgat gctggctact catacctcat gcgccgagac tgtgactcat actgcggttc     240
cgacaatcaa tactgctgcg gctctggcga gacctgcgag acctccgacg gagtcgcaaa     300
atgtgtcgct gcnaaggag gctgggttgg cgactatacc accacctgga cagagaccag     360
gacttacacc agcacactca tgacccgttg ggaacctgca ccagaaccaa ccaagggcgt     420
tgattgtgtt cccaagaatg acgagcagga gcaatgcggt gagatctgct cgcgctggctg     480
gcagacttgc gcctacaagg gtcagtgctc ggcaaaacct ggttacgatg cgcccaccgc     540
cgttgtcatc actagcgatg gaaaactcac cacccaatac tcgggtccct accgaatcnc     600
tggtaccacc accatcgtca acaacggggc acctactgan aacaatctng ttctgcgact     660
gagaccgacn ccnaaacccc nncccctgaa acaatnatna agctgccncc tggnaaaacc     720
gtactngcgc gaagtttgaa ttcccgncna ttctggtttc ccnttgtttt ttccccgggt     780
ttcactgcnc cg                                                        792


<210> 2125
<211> 263
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(263)
<223> n = A,T,C or G


<400> 2125
nattttttnaa caacaatntg accaccgttg ccatcantgg aagtcgcnna aaagaatctt      60
cccttccata anactcctcc tggntgcctc gctctacttg ggccatnata aaaactnggg     120
naaacttttt cnggaccaaa agtgcnctgg cccctncact tggaactgga aaggatccgn     180
gggctttgg nttgattctt cttcggaaan aatgaactgg aaaaggtgca ctactgaggn     240
ccctcctcan ttnaaaaagg aaa                                            263


<210> 2126
<211> 519
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G


<400> 2126
gcgatggaag ttgactcgct tgtggaccat gttccggcga tcaagcgatc agattccgag      60
ttaccacctt tgtttcctgc gtctggtgat gtccccatga cagatgcctc gtcgccagct     120
gcgacccctg ttctaggttc agcagtgggc gacacgtttg caaaaaccaa aactccggac     180
ttgagggtgc aattgcctcc tgtaccgtcg ttcgatagta ctggactggg aattcacagt     240
gggacaactc ccagctgg ggctgtcgca cattcgcctc tttcaaatcc gttaccgagt     300
ccttttgcac cgccagccgt caatggcata gctgctcatc ccagtcaagt aaagaagaaa     360
ctcagcctca gcgactacac gaaaagtcgg atgaacaang ctggtggcaa gantgctggc     420
ggccacgctg ttcttaaacc tccatctcaa gccctgaaga nacaaaggtc gacatantaa     480
tcgactcacc tcgatcgana acctacggag agcatgatt                           519


<210> 2127
<211> 577
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 2127
tttgctttcc attgcgacct cgtctatggt atcaggccat cttttcagct agacaacaaa      60
ttcattgggt cgcctattat catgatgaac atcgaacttc ctgcatcaca agtctgcgat     120
cgatccaacg cgactggtgt agccaaccag gtccgcgata cccttaagat aacctccaat     180
ccatcgaaca tatccgctca catccacaca ctcgcctacg agaagtctcc tcagcgaata     240
tggcaagcat tcctgggtcg ccgcatgtat tggtaacgac ttgggcacga gctggggtta     300
tggaatcgat tttgggcttg gctctacatc tgtctatgca naaggcattg tccggagatg     360
gatggcaatg ttttatcaaa gaacacctgc ccctccaaaa gtattggact gataatgggng     420
ccatatatca atccatttgg naaccggtga catgaacacc tattaatgga ctcctggtgt     480
tccgcggcat ccttannaaa aaaanacttt ttgatgnccc cnggtntcaa aaaaataccc     540
tggaacataa aaanaaaatn ttngcccttt ttntctt                              577


<210> 2128
<211> 540
<212> DNA
<213> Fusarium venenatum


<400> 2128
ttgtggcatc aatggaaaca tagcttcata cggacatggc cagccatcag gagaagctca      60
cccccggat ggtcttccca tttgggatcc cactggagcc gaaacttcat acgaggggcc     120
gtataatcaa gccgctcagc gatgggctag agaggctcaa agacagcagc cctcgctaca     180
cccacaggat tctgcctcaa cagacttttc catggaaggc acagcagacc gtagttcata     240
tgggacgggc taccagaacc atgcaagtaa tggccatgga aattcatggc tttcacagcc     300
atccgcctac caacagaacc aaaatgcatt tgcgcacaat ggccatcaag agtacggggg     360
ccaaacaggc tacaatccgg gtccctcgca tcagcaatta gatggacagc attggtccgg     420
gaaccctcgg gagcctactg cttcagctga agaaactcgc gatcatacct atagatggta     480
ttgatccagt tcggcattga agaagaattt gaacaagact cgaagacaaa aggtttatga     540


<210> 2129
<211> 643
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

<400> 2129
cgacggtgcc tctgtcctgt caacccgaac ttcatctcgt cgccacaagt cttctcgctc      60
tcacaagaag cgctcaagat caaactcgag cgagcgcgga cgcggcttcg cagagtccat     120
ctttggtggc ggcgaccgtt atgggaagca caatgcctct cgcgcttcct tctttgggct     180
cggaggcggc aacagtagcc gctccagctt ctttggaaac aatcgctcct cttactacaa     240
angctcccct cgtcagggct tcgttcaaaa gacctacaag cagctcaagc gtctcctccg     300
cgatctggtt cactgggcca agcgccaccc ctggaaggnc ttttcatgg tcatcatgcc     360
cttgtaacg gcggagctct gactgctctc ctgctcgctt cggcttgcgc atccacccgc     420
cattgagcgc atgctcggcg tagcctncaa ggctgctacg gcgactcgt ccggcttgtg     480
gcgaactgtt cgcatgggcc agtggttttg gcgnaacact tctggtcgcg tggagcgcga     540
tcgcactant tcacatggan gaggaagagt ggtgcnctca tggggtgngg cttntgaatg     600
gncagaagtg attangngcc tcttttaagc agcgaacaga atg                       643


<210> 2130
<211> 589
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 2130
ctcatccctg aaagcgataa ccaacaacgc ctgctgcagc tgaaacttat caagaaggcg        60
ggtatcgacg tgcttcagtt tgtcaagact caagcgtggc tgatgtatga tgacctgggc       120
ccaccacagc acggatgtcc agccaaggga tcgttcagta tcatcgcacc cggtccaccc       180
acggcaagac aaggtcgacc tgtgaaacca gatttctttg gcgacgacga aaagttcatt       240
gacacagcac atgaaaacct aatccggtca ctagaatggc tcctactggt gcaagaaaca       300
tggccaagcg tcttctcaat gggaactaga atttacaagt tcttcttgcg aaacatgcat       360
ctcaatgctg ctcgccagct gatgaagcgg gtgtcctttg cggatgtttt gcaggcagcc       420
acagaanaca gcagtgatga natggatatg tacgaagaca tccccgagtt ctgggctaag       480
cacttgagcg gananatatt cgtgacgtgt cacctcagca agccctctca gacgccccgc       540
aagttccgcg aactggaaaa tctagtacga actctggata cctcnaaaa                    589

<210> 2131
<211> 305
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 2131
ttcgctgtga caagtgcggt aaaggctaca agcatagcag ctgcttgact aagcacttgt        60
gggaacacac acctgagtgg gcattgactt ccaagttgct catttcaaaa catcaacaag       120
tccagctgct tgaagctgct tctgttcttg taaccatgaa cggcattgaa ggcaacgctg       180
ccactcctcc tgagtctact aaggactttc agagtgaggc gggcatnatc gctgctacct       240
ccaatacttt gaccctgagg agcgacagag ntttgccgac antacaccac ctccnttacc       300
gaagg                                                                    305

<210> 2132
<211> 259
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G

<400> 2132
cctcgcacag ccaagatgcc tcgngcaatc agaggcgttc ttatcgaatg cgatccctcc        60
atcaaatcca tcattgttag catcgatagt gccaaccatg actacataat cgaagatctc       120
gaggacgaac gcgtagtcgt cnnagaaaac atggctcgat gctcaaggcc aagcttgaag       180
atcgactaaa ggaaaacctg cctnccgagg aggaatctgg ctnanatagg aataagaata       240
gaacccctcg gcnggttcc                                                     259

<210> 2133
<211> 487
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 2133
gggggcggac tcggtgccct ggatctcggg gagatcgctt ccagcttctt cgtcgagtcc        60
gagtaccagg tcaaaaagaa ggatgatgag gagtacaagc ccgctgccaa gtcggccctg       120
aagaagctgt cgcctacgct gctggtcaaa agaagaagct cgaggctgct gccaagcgtg       180
ccgagaanga tgctcangat gangctgctc gtcttgctgt tcttgaggag gccaagaaga       240
tcaagatcac caacgacctt ccttacccga gcctgtctcg atcggccttc aggagaccga       300
tcctctttga ttggtactct ccgaaaganc aaggacgacc tacagaaggc gtcaagcgtg       360
tttccgttca gggccgtgtc accgtgtggc caagcanggt tgtcttatct ttgtcctctg       420
cgacgtggtc tttactacat gcagtgtctc ctttctggcg atctttccaa gactacaang       480
ctcttac                                                                 487


<210> 2134
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 2134
gatcgcgacg tcaacctacg cattccatct tgtcttccgt ttcgtcaagg cttgcgctat        60
cgacnaaacc agtttgtgcc caaaaccttc aacctccatg ttacggtttt cgagtctcta       120
aaacagggtt cctggaatca attgatcggc ttgtcgatct aactgaataa agaagcgcgt       180
atccgaaagc agcagcacat gtcggactat ccaggtgctt gtcctcctna naaactccgc       240
ccgccaagtc tggttttcca gggcgatagc gacgacggtt ttgacataac gaacttcnaa       300
aagtttgcan acggnggtgt tgataggaat aacnactcta tcgctatcaa tcgccaagtc       360
aaccataacg ccgtcgctca naattcggca gcgaatctac tgataccctc cacgacaact       420
acgtcctctt ctntttatca ctcccgacaa tgaacgccga anacganaca gcggactctt       480
cttcgcccct gggtttaana accctttcaa tttccagacg caggtgatct ctgcaggccc       540
tgtcaagtca aacattggga caacgtcgcg gacacagata caaacacagt agtatctcgt       600
ctcaacatca aatctttaaa aaaaccnccc ggaga                                   635


<210> 2135
<211> 245
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 2135
atctccttga cactagatcc atcacccagg cacagtcaag aacttcttgg agtacttggg        60
tgatggatct agtgtcaagg agattgctgc gctgcgagat gaggttgctg agtgggttgg       120
aggattccct cagccttggc tcaagtcatg atgttttaa tgagtggtag caagattaat       180
cttggcgttt ggaaaatagt atattgatac agaattgact ttaaattatc tattccnaaa       240
aaaaa                                                                   245


<210> 2136
<211> 552
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 2136
ctacctcttt gttacagaca ccggaacctt tctcagcttt actaccactt taactattca      60
tcatggagcc cgagactcga gccacttctt cctttgagaa ggatgcccac aagacaaagg     120
acaatgcctc caagggcaag accagaagca attctctctt caccatcagc tctggcttca     180
ccttctttgc tgcccttcct ggaggatcca gttcatcctc tttcaggtca tcctctttcc     240
gataaatacc caacaccaac tcttgttcca ttctctgttt tccgtctttc cgtttatacc     300
cagtcctttt gtttattgtt ttattttcct tacacattgg attttgctng ctccactact     360
ttttatgaaa ccccggtttt gatacgggca cttgcttttc ccgtgcttta cttctcccac     420
cacaatgaaa taaattacgg tctttccacc canccgttng tggcntccaa cttcnaacaa     480
ctcaatcana aatttgccga acaanataca agtttttccc ttnacaactt aatgttcaaa     540
ntttttnttc tc      552


<210> 2137
<211> 621
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 2137
cagttctctg ttattacccg aaaacaagtc gatcaagaca ctcactcagt ctcatctata      60
tatctactat aactacttct acaactcatc atgccttctt ctgtcaagag ctggtttgcc     120
cgccattgcg ctcctccacc acctctcaac aacaactctc aatgtccctg cacaacctgc     180
ttcaatggag gctcccactc caacaactca gccgcattct ctgtgtcttc aacaagacct     240
tcaggactgt caagagttga ctcggacaat gcttctctca gcagcgccac aaccgtcgct     300
gcttcatcat atatcgagac acccaccaag caatgatcgc aaccaactag tcatcatgac     360
tgattgattg accctgggtc tttgacgaat tactaccgga acgaatagcg agtttcatgc     420
ttatcttttt gccctttctt catcctttaa tctatacccq catcatcttt acgtttggcg     480
tctgtcggga aataaacaaa ggatagatag ccaagtatct atacttgaga tacgcatnct     540
catcacaagc tgaaaatctt acggggccga agtggagagt tggtcgattc ngttcnggtt     600
ccgaggcgga gacaaaccca t     621


<210> 2138
<211> 116
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 2138
nanaggcctt tgccagctcg anaagaagcg caaggccttc gatganacta tacagaccng      60
ctcaagcaca nacaacgaac tgccttcgat gcagcatcga ccatganaga gctata     116


<210> 2139
<211> 603
<212> DNA
<213> Fusarium venenatum


<220>

<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

<400> 2139
gcacggtgaa atgcaaacac ccaagtgcca tgcggggaag gacggataca accttggcaa    60
ggaagtaagc cagtcgtgaa tgacctgctt cagcctctct cctgtacaag agtgtctcct   120
canaaaagag cttgacacca ggagcacctg cgacaagacc gatggcaatg gcaatcanaa   180
gagcgaattg gggcgcaaaa aagaaatcga tcgaggttga caatgcatca tagggctcgt   240
ggaacaaacc aacgaacatg atgccttctt tggggttgtt ggcaagacca agcagggcgc   300
ctgctaacac agcgaggccc atctcagcaa agaaagcagc ccctgcgcgg tattgctgga   360
gcatagcacg gcaaagacaa agccaggctt gtttatagta tggcgcacct cgtttcttga   420
gggcctggcg catgcctgtg tcgccaanca tagtggacct gatactcctg cctcataagc   480
ctnctnttgc ttgntttggc catntttccc aatgcganat aagggcttct tggacacatc   540
gccacctgtt gtcttttcac ccgttccagt ggtgatttca ntaatcccct caccgngggt   600
gtn                                                                  603


<210> 2140
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 2140
gagaaagctt atncgagagc gnanggagtc ngctanaaag cnaaaacaag aggaagaagc    60
tcgtgaggaa gccgagcgca gagagcgcat ccaaaagaag ttagatgcta tgggacctgc   120
gccagagaaa aagacagcaa agaaggagtc tgcagacaag tccaatgatg tttcgcatcc   180
tacacatatt caacaacgag agagccctgg agcttcgagc cagcctcctg cagtgcaaaa   240
tgatggtgat cattcggctg ctcatgagcg gccacaagat tctgaaagcc aaataacgaa   300
ttcatctcca aggcatggag ctgctgccag gcgtgtatct catagtcaag aagccaaccc   360
accgagcttt ggggagcanc tgtggtctca cgacangacc gagccgtttc gacatggggc   420
accggatcac aggcagtggc ccgcaatgtc tggggctccc taataatgac agangccttg   480
gtaatggtct ttcagcacgg gtatcnggcg natgcccttt ggacagccgn cctggttgtt   540
aaagnagcaa ngggtcggna actattgctn nttctaaacg ntacccaaca ccnttanaag   600
ctttagnggc cccggnt                                                   617


<210> 2141
<211> 663
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(663)
<223> n = A,T,C or G

<400> 2141
gttcaacagc tttatcgacg agatccaatt gggtaattac gttggtgtct gcaaaatggc    60
tgcttcgctc agaactggta gcgcaatgct atcgagaata gctacgccat cgacatgtct   120
cgctaaaagg acattcacca catctctcgc cttccgaaca ggacccaaga ttaccacaga   180
cgaggaaact tcaccggctg tcaatccct tgccggtct gatcctttcg ttagagatcc   240
atctgcgag gccgatctg aagctctagg caaggccgct tccgaaacac gatcgaaccc   300
tcttatcggc agtatccctc ctgcccctcc tcgcgatgct cctgaggccg ccgaatcaan   360
gaccaccagc catgcctacg atgccaccaa accatactca ctgggatatc gcccaagatc   420
attgccaaca agtccagcgc gttcggcaat gaagaagctt caagaccta taacccgtcc   480
ccaaattcgt gcgaagcctg ttaccggtcg cacaatcttt gtcaaggatt acataaccaa   540

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aaccaacggt cctactccta agggtgctct caagattctc aacaaggatt gtccgaaaag    600
gaccaagtca agaacaaata ccacaagcaa aatcccgacg aanggtntaa gagaagaggt    660
tgc                                                                  663


<210> 2142
<211> 562
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

<400> 2142
gaaatcaaca gtcgcgtgtc acgcttgaca ccaaacttcg agagaattac aggaaaacct     60
ggcaactatg caagctcaaa tggtactgct tacactcgac ccgaaaacct agcctggaag    120
gaccaggaca agcctgggtt tggtggtatc aacgttgtag gaggtcttac taccagcagc    180
gtntcgacta agagcctcgn tgcagctcat tgtggcgcgt ggcccatggc cgtcaacatg    240
ttcgaagagg ccgaactcga gagctatcag ccctgccttc cccaagttct cgaactattc    300
aacaaggtca aagccaacca gacagaaaag cgacagtggt ggggatcgaa tcaatggtgg    360
ggaacangtg gaagtcagca agccaagttc acgagtacca atggaagccc gnattctttc    420
aggcggttac agactctatg accgacagga cangttngat tccagatcgg ttcaatttca    480
agncacgaac ccaaactcga tgaagaggcc tnagaacccc gtatggaaga gtcaattttt    540
tggattcccg agacagatct ga                                            562


<210> 2143
<211> 168
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 2143
ntggcnatat actgagtata cagtctngac catcggcaat agaaaccatg tntatcaaca     60
aacatgaaaa aantanccgt actgncccca ccagggactt tactgagcga agcatagcgg    120
ccacagnacc actcanacca atgccnncct cagccantgn tctaccaa                168


<210> 2144
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 2144
cgccctttgg ccagagcccg ggcaatcctg gctcgcggtc tatgacaccc cagcaattgt     60
tccttcgatc tcagagtggc tttggtgacg caccacccgg catttccagc caaagcaatg    120
ccttccagaa ccagagtcag ggccagggcc agggacaagg ccacaaccgc cagtcgtccc    180
gattcagctt cgccaacgac agcgctggct ctgtaaccaa cgtcaaggtt tcgactaacc    240
cgcgcatcat ggcccaacaa tcttccatga tgcccaacac cttcaatccc agggcaacaa    300
ccagttctac ggtgcttcta tgcctggacc ttctccggcc tnaagtcgac cggnacttct    360
ccaacatgtt tgggcagttc cggtggcaag gctttaatgc gccnaanggc aacttgagtg    420
agattctttn aaagttaatg ggccgaatcg ggttgcaaca accgnnccat gatgcggnaa    480
```

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accgggggant ggcctanana tcttgagacc cgagtntctt gaggtgcnat gcagntagtt      540
taaggcacgg cggntcggna gggntttttg tggccaaagt aaggggtnc attncacatt      600
tgatgttaca catttncggn gggggg                                          626


<210> 2145
<211> 192
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 2145
cgagaggtta tcacacacta ccgtgatatt gaccatggca tgatcaaagc tagacccct      60
acaccttctc cttagcccaa gcctnaagcc tcgtgcccca tttngagtcc gagagcggga    120
gactggacat ttgacatntc tttntcaagg aacaaagaac gaggggggaca ttttttgna    180
caanttgcac tt                                                        192


<210> 2146
<211> 494
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(494)
<223> n = A,T,C or G

<400> 2146
gaggaggaat acgagccggt cacgacgact atgtcccagg aacgcccagt ggatgaagtc      60
gatgcgatac ctgtcaagtc tactactccg ccccaaacgc agccatcggt tctggtggat    120
catcacaacg aaagcgtgcg tcgcactcgt gtacactctg aaagccctgc ccgtagtccc    180
ggtcgcacaa cacactttgc gcccaaagcc gatcaactac tcgtcaggca cgagccacct    240
ccacgatcat tgtcacctcg aaaatctgct ctcaaatatt caagccctcg tgacgcgtct    300
ccttcagaag atggctcaga cgcatccgtt gcatggtcag gcatgactcg agaagattca    360
gatatttcac gaaagaaaag tgtgcgggtt agttttgatg atggaaacac agcaattatg    420
ggcgangcta cgccggcatc tgatacggat tcgccacggt tagccagtcc tcagtctaag    480
aagccttggc acag                                                      494


<210> 2147
<211> 563
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(563)
<223> n = A,T,C or G

<400> 2147
atttattaaa ctaaagtcac gccatgttac ggtactgttt ataacatttt aatttaaaac      60
taccaaatgt ttctctttc ttggttttta atgtgattgt cctctattat ctcttgttat      120
tcaggatcat tttcacaccg ccgctattat atcatggcca ccgatgtagg agacgaagaa    180
agagcacatt tacttcctgt attaccatca tcatcgccat cgccagcagg tgtaataaca    240
acgccgtatc aacccctaga ccaatatgag agtatcaatc aaggcgatga cgacagttca    300
agcactcata gttctgagtg gccatcaccc aaagcgctcg cagactctat gtatctacac    360
cctctcaaca tggaactcgc gcgctttgaa ttcggagtgt tctatatctc gctctatctt    420
tcaggacatt tgaggctctc gcgggnattc aatgatcgag gngtgntggc atgnactatc    480
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atctnggttg ggcctatatn gacgcaaccg ccgcctaaga cgggagactt naattgngtt        540
tnaaaaatgg gcgtggcgga tcg                                                 563


<210> 2148
<211> 638
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 2148
aaccaaccca ccaatccata gcctatctta cactgtattc gtttgtattt accaacgatt         60
aacctcggat tatcgctttt tcttcttcgt ctctcctaaa cctgtttatt ttccatctcc        120
gctcgtcaaa cacggacggc cccacgtaca agacaatgtc tgtaccggct acatacaagc        180
cttcgcctct tggctatggc tcgtctccta ctcgcagctc tccatttcgt cgagccgaat        240
ctcctgcttc accgtctccc ctccgaaata ccacagtcac accgactggt tcccctacaa        300
aggccggacc ctttggctct acttcgcgct tcgctagagc taccacttcc acaagcacac        360
aacccanctg gacagcaaaa gcccaagact ctgtgaaaga cgaaatggtt tcccatacct        420
ccgcgattgt cagacctcga acaccggatc aaagtcactc ggcagtggta acgcgctgcg        480
caattgcaga acacaatgcg acactacgag atcctttaga tcatggaccg agactgtgat        540
gngtgtgacc gagaagacgt acagatatgc ttaaccagct aggttaccgt cacgccagtt        600
gtgctgcngg ttttctacat ggngcttaaa catagcta                                638


<210> 2149
<211> 847
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(847)
<223> n = A,T,C or G

<400> 2149
gctttgtgtt ttcatagcag gggagccgct ctccctcatc tctctggtcg caacatcaac         60
aaacctcata actaagggag caaccgagct caccacggct tcggccagaa cgatacacat        120
actaaccaac agggacgcta cagtgggaga catatcgcca tattcgagtt ggagcgaagt        180
gaaagagact ttggcctgta tcttgcagag cattcaagag ctccacggca ttcgacaagc        240
tacacataag aaacctatat tagacaccct cggcctgcct caaaatgggc cactccagtt        300
cggacagcta ccattgccgg cccctcagtg accgacagcc ctggtacctg gcgtcacccg        360
cgactcaacg agattactag acgtcgtaat gcgacgacct tttcagagaa gaacgtccgc        420
cagatcgcct acaatgttat tgcgctgcta ggattctggt ctgcgcagct cctagcgaag        480
ctcaacattg gctctcaagc cgttcccagt tcttttagag tatacttggg ctgggcttgg        540
tttattcttc aacttatccc cttcatcaac attggcattg cctgtttgct ttgattcgac        600
cgaaagacga tctatccgac atccntntaa atctgccagc gccactgntg gggctagatc        660
cttcgtcggn cgngccaact tctgacacca aagttcagca ctccccctng antcttttgg        720
acacctttca tcggcgggtc antcggaagc ccgaggaagt tacaacaggt ngcttttttt        780
ggncgaggna gtccccttgg ttnaaggatc cccatngggt agccctnttt ttccanaaaa        840
accccnt                                                                  847


<210> 2150
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
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<222> (1)...(590)
<223> n = A,T,C or G

<400> 2150
aaggaacatc aagattcgta ttagagtctc ttgtcacagt ccagatcatc gcgccagctc   60
tgcccaggcc tgccatacta tcgccatatt tgtgccagca actttgtatt gccagccctc   120
cttacatccg gcttctgaat agactcgttc tttcagaagc gcataccaat aagaccgaca   180
tcggtaatca tggctaccat ggcagcggct gctcgtgata tctcccaggc ctccttgagc   240
cgagacaact tanctgttgt agcggcccga ggcgtccctg cgactgtgac acgctctcaa   300
caacccctcc ctactcccCC aactccatct ctcccaacct gccgcctcac gggcttaagn   360
gcagctccag aagccaagct tgacctatcg actcagactg gacttcacga ccttcggatc   420
nacgacatga tctcccaccc tcgaggctcg ggtgcatatg gctctctcct cgcaaataca   480
ctgcanaaat cnctcatcat gtccttggta tccnctatat gggtactaac ctcgtaccgg   540
atccggatcc tccacaagng cgaaatatct ggacttgaag tcagagaaag   590

<210> 2151
<211> 276
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 2151
cnttacaaga gtatccattc tttaccttga acgcgcaatc ggctttcgtc attcttcgng   60
atcgataatt ctgttgccta tataccaagg ccataaaagc attcactctc gattcgctta   120
tactntttcc acactacaac actctacgat actacctatc tacctacacc aaacaactcg   180
cccatnatgt ctcgcattca gatcccgctc gacgttatta cgtcccgcct caactttggc   240
gaccgcttca gagccttcga tctggtcctc tcagcg   276

<210> 2152
<211> 140
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 2152
gacggccact atcacgaagg cgaattcccn tccatnaact ngccattgac ctcnagccan   60
aggccctctt gngagactat atacatnctg tcccanttac ngccgntccc tctctgntca   120
cactatacaa tggctactct   140

<210> 2153
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 2153
ctgcctatga aaccatccca tagaaaccgc ctcaagttca actggttctc ttctcatatg   60
ggacacggga acttatagta tcctgcagcg aaaaagcaaa aactcaccat ctgaagatcc   120

```
atcatcaccg ccatcttcac cagcatcatc ccttacatca acaccacaag ctcttctaca    180
cgaagctttt cagagccgaa aaatccgtat ccgcttgcac ggatctcact tacctgatcc    240
ttacgtcttg aaccttcgct tgaccaagtc agaagatatc gctggtagac ggaaaagtgg    300
gagcacgcct cggaaacgaa actcccgcat gcgaactaga tactcatggg acgagtgagg    360
aggacaaaat gangatatcc tgcgatcgct gatcagaccc aacgcagaaa gcctctcagc    420
catggagcgt gagatacgca actanaaaca agagtcgtag acaatgctat ccaggggctc    480
tatactcgca agngcgactc tccaaatgag agtganattg tcacttaagt gaacatntaa    540
ccatttcaaa gnaacaaaac ncaactttg tcaattttgt tcctntta              588
```

<210> 2154
<211> 699
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(699)
<223> n = A,T,C or G

```
<400> 2154
gtggattgac ccgcctttcc cctctcagat cacagagtca gtccatatca taaacctcaa     60
ccccgctatt catcatagct gtctgcgttg atctctgtgc tctttcaact caaacgtata    120
cctggatcac tatataacgc cagcctcaat taacacaatg ggcgccgaca ttcaacaatg    180
gacgatagag aagccttggc ttgagacgca ttgtctcttg ggcgaaggac ctttctatga    240
gaaatctacc gacactttgc gctttgtcga cattcgtaac aagcgattgc attacgtcaa    300
ggtcgctgag ggcctttcat ccctcagaac agttcaagtt ggatgtatgt cctactgtca    360
cggccaacat tgttgggcgt cgacccacag gagcgaatcg ctctgggtgt caagtattgg    420
attggcgatt tttgatgtca agaaggagac atatgaactc ttccagccat tcgaagagcc    480
ggcgaatgag cgtttactta gtaatgacgg cggggtggac cctcttggcc ggtctggctc    540
ggataccttt ttcagacttt ggtctttgaa gacccttcac tcctgaatgt gagctgagtt    600
atctcttgga ttccaagttg tttggatgtg gaacttttcg atggtgacta ttcccaaaac    660
accacnctgg ttggcttccg gatnggaaga cactatttt                         699
```

<210> 2155
<211> 556
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

```
<400> 2155
gccaggctac gtgaactaac gcatcgtaac acaccattcc ttgtgatatc gcatcaaggg     60
gcttctgttt tcacatctca cgattcttgg tactaaacac actctagaaa ttcccactat    120
gccccgtcga ggccgaggtg gcaggatgcc ctcagggcct tggggaagat tgaagcccgt    180
cgagcaagac ccgttgctag atatgggact tccctctaaa ggagacgata ggttgcttaa    240
ccacaaaacc caggaatggt actacaacca aatcatttca cgcttccttg cattttgcac    300
cgaagcgggt gataaggact caatcatacg cagttttgaa gcccttgaca taagagcagt    360
cgattcaacc cctgccacgc ggtatactaa accttcacct ggatatgtac caacatcagc    420
agcaacaccc acggctgtag tgtcatcaaa gacctcttcg acatcagctg cagatgctat    480
aagagttgga agggtgctga tttggcatcg gacgatcctg cgctttantc acattttcgc    540
tggcaggccc attgga                                                   556
```

<210> 2156
<211> 574
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 2156
ggtaggttag ggtcttatcc tagtcgcagt cgcactacac tccaaccacc tgctcatact   60
cttttaacaa aacaacaact gttgctgctg ctgtcaaatt tcgcatcaaa cttggacatt   120
atacaacctc aaaccgcaaa catgcttctt ccgtctgcgc taccttgcga tgcgtcgcac   180
tcgtctcatt cccgacttca acaatctctc ttctctcctc ctgccagtcc cccggctcct   240
tcgcacagtt ctttcgccaa cctcatgact acttgtcgct ctctccaatc gctcttatca   300
atgcccgcgc ccattggtat cgactctcgt cctgctcctt acaataacgc tcaactacca   360
acccaccgnt cgtnacgcag ttcttcttga agtgcgcctg cgaccgggcc ccacgccgtg   420
agctgtcgac ccaagaagta caaagcgcgc cggacangcc tgcacaaaaa cgccgngttg   480
ccacatattg gccgtgtata caggatcggn aggatacgnn gtgtttgngc aaggacttan   540
                                                                    574
accaacgccn atgtccncaa tcttgctgac gttg

<210> 2157
<211> 703
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(703)
<223> n = A,T,C or G

<400> 2157
caggtttttcg tctcgaggat ccatttatct accgtccaca acaaaaaact tcaagtgatc   60
aacactttac tacttgctat ttagcaacag ctatagctct tcgaagcttc aatcacaaca   120
ttcacctcga actatcatca cgaaccaccg caacaatgtt cggttcatac agctccatta   180
gctccatgtg cgcttcttct gcgcccatgg atatcgcgtc tcgcaacatc taccgatctc   240
aggactccgc ctgcgctttc ccttcatggc ctcgacgcga ctctctctcc gagtctgatc   300
gtgaggagcg acccacttct tatctctccg acaacaacct gttcctctcc gatccattcg   360
acgatgatgc ccagaagcgt ctccagcgct ggcagctctt ctcccggtgc catggcctcg   420
cctcccagcc gcatctccga cttcgagctt ctccaggctg aagcgagaac gccaagctgc   480
cattcagcga gagtgcatcc gaattgtcac cctcgagaag gagcgtcnac gtgccgccgc   540
acgaaaagca gcgccgtagc aagtctnaca agaagagccc aagaacaaac tcancttcat   600
caatgaggag gntattgagt aaacaatgnt tcttgggatc ttnttnacga ctggtacgaa   660
                                                                    703
tttacgatag cgctgntttt tgcattacaa tggnaatatg atn

<210> 2158
<211> 668
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = A,T,C or G

<400> 2158
ccaaaagccg atgttatcat ggttcaggac ttttcacggt attccgatga tctcttacga   60
cgaattgaag gatcttcagc ctgtttatgg gctattggag ctcgtccaga tccctcccac   120
tcccactcac acaaagacaa ggcctatctt caccacgtca atgttcaact acctttatac   180
gccgccaaaa tcatgagcga gcgcatcgcg cccaaaacgc cagcaggcca aaagttcaac   240
tttgtatttg ccagcaacaa gtcaagatca tcttcactgc tttcgcttgg ggaccgcgc   300
aagcccaagt cggaggccga aaagggctta tgcgagattg cagacgccag ccctgaaacg   360
tttagcgctt ggatcttgag gcccagcacc atcctactcg cctcaccaga tgccatccca   420
aggaagagac gtagtcttgt tggagggcgg tcaattatcg gcgttgaggt ctctcacatg   480

```
gcaaaggctt ttgtcaaaag ttgcctgcga gggttacagg gagcgtgtca ttgatagtga    540
tgccatatta aagatgacat ttatctagac tgggcagcaa ctaactatac agtactatgg    600
agatgtcttt ggtgggggagt aatttttgt ggatttatag cggatttatn gcggagtcgc    660
gggggccg                                                             668


<210> 2159
<211> 592
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = A,T,C or G

<400> 2159
cgcttcaaca agaatggccg caagagtnnt tttgcaacat ctcgcatgtc gtgcgatcga     60
gtgtccacta gcattgacct ccgacccagc atctcccgca agactacagg caatggcaac    120
ggtnacggcg ttggtttggg tctcaccaat gagaacgaaa aggtcgagtt cgctgcgtca    180
agttacgata ctgcgcatag aggcactacg cctggctccc gagccgacna tgtgcacttt    240
cagtcaactc accgagccaa caatgccaag agaaaaacca ccagtgcctg gactgccttt    300
gttttgtggt tgagaacgcg actgctcaag cttggtcgac gatggagaaa tacaccaatg    360
agaccaagac caaactcaag accaggctgt ctggcaacaa aaagancttt gttgtcaaaa    420
ctccctatca gaattatcac ccacaacagg cggcgagtcc attcaacagc tcctatttcc    480
cgacaccatn tnccccacgc cgattgatct acacagactc ngcactaagc ggcaatcaca    540
catttaccgc gangctactt ccttacacga taccttgatt tttacaatgc gt            592


<210> 2160
<211> 886
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(886)
<223> n = A,T,C or G

<400> 2160
caccttcaaa ccaaatcaac ttcacttaca atcttctgct ttcacgcaaa agcagaacca     60
gctacaacaa ccagatctat ccgatcaatt cacaaacccc aatcatcatg acagaagaac    120
tctccaaggt cgactcagcc gtccaaggtc tctcaagctc accccccaag gaagagaaga    180
agacacggcg acaaagctca gcagcggcac ctggtgtcta caacgtcaat gacctcgagg    240
ccgagggcat tgagctcgag ctccctattg agagtcaaaa gactggatgg aaaatcaaca    300
agagctctag cacagtagaa gacgctgcta tcctcaagct tcacctcacg aaacccccg    360
tcaagagaat tacccttcac ttcccattag gggtggaggt gcaagcacga aacctcaagg    420
gtgtaacaat caaggacgca cttgatgcca tccacaagca gtacaagaag cgggccgatg    480
atgagctcga caagccctac ctcgctggtt tcgagtggga caaggaaaaa tcatggaccc    540
gacttgttgt tcacttgcag gcccagccca cggccacaga ctccgccggt gggnggnaag    600
aagaagaaga acnagaagaa cgaagaataa tttctctcgg caactatgat atctcttcca    660
atacttccta taattcttgt tcctttccct ggtttcgttg cgagtcggcg ctcgggatat    720
tgcgtctaga tattctcggt ccggtcatat tctgcgcgat tgctgggagc atcgcctggt    780
gtactcctct actcatagtt ctttgtatcg ctggtcgatt cggtcggcgt tctaaggttc    840
catgatgtca tggttccctt acataatata cattcccaaa ccaacc                  886


<210> 2161
<211> 666
<212> DNA
<213> Fusarium venenatum

<220>
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<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 2161
cttcttttac gactcaccac ataccatacc taccatacaa tacatacaat aacagagtcg   60
tcaactgttc gcagttgatt caacctattt tcatacgttt tatattcacg atacgagagc   120
atcccatacc attcactgct ttcgtcaccc tccatcctcc ggtttaggcc ccgctcttct   180
ggcgcgctac tcaactcagt ctcactttt tcggctccct ctctcgtctc gctcaactat   240
aacccgccca gccgcgcccg acggggttta ttctctccct acctaccttc ggacagacgc   300
cactacccgc gatcagcaaa tacataaact agccgacgtt cccctcggc gtcgcccttg   360
gccatgttgg aaccacaggc catgagaggg cctattgacc aaaccgttgg ctatggacac   420
tctcgaacac aaacatcttc ttcaaacgcc tatcccatgc aattccaaac ctctcacctt   480
gccaaccggg ccccaatttc tccanaaccg tcgctcgcct tctgtgaata cctttagtac   540
cgnatcgagc atcctctnct gcagcctacc ggtcttcttc aattctgatc ttcgcgatct   600
acatctaccg ttcaggggga gccagcaacc agnccctcca gctatgtggc tctcttgcgc   660
aagcaa   666

<210> 2162
<211> 568
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 2162
cgacgttttc gaacaagaac tgtgaaaaaa agaaaagaaa ggatggaacg ttgttgacca   60
acaagggcat tgaaagtgcg cccgtgacaa cagagacagc gtaaatcanc aaagcaaaga   120
caagcaccgg gtcgtcacac ccgccgcaga agcagaacat cccgaggccc gagcccgcgt   180
cctgggaacg ccaaagaaga aagctgggac gtgtttgatt ggttggcaca caaaaaaggc   240
cccctcgcc tgttgcaact tgcaaggggg gccatgaatt gcaactgtac aacgcgactg   300
ttactagggg gagagactca gtcaggactt gggttggcgt cagaggacag ggagtactca   360
gccagatagc gagccttgac tgtttaagga gaatggactt ttggtgaccg gcttatcaan   420
gtgagattgg gggttgtttg actaaggatg gaatgacatn ctttttnctg tgaaaagcaa   480
ccgtgatggg aangatcttg acatgtcctt ggtaatattt ggtcatgcag tagagattac   540
tcaaccatta catcaatatt cacattcn   568

<210> 2163
<211> 425
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(425)
<223> n = A,T,C or G

<400> 2163
tttgttttaa tagtattgga cccgtttctg gacatgtctt tacalttctc ttctcttctg   60
atcttggagg atnctcttgg atgatgtatt tttggatgtg ttatttttt tactcnatac   120
ggcacaggat anggggaac ancacacaac acaagttttg atgtgttncc agataatgat   180
ctctgaacat ggtcacctat ttcaactgtc atctgcattt tctcttctac ttccctctat   240
cgcattcatg ggatggttct tctatttatg ctttgttatg actggggata tgcatgattt   300
gccatatagc gcaaagttgg tnattctgac tctgggntng cacattttta taatggnatc   360
tactttcaat atcccattaa acacacgatt caaggcatnt natatattta attttttct   420
ttcat   425

<210> 2164
<211> 465
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 2164
gaattatttc attatagcaa gatctgcgac ccagcaggac gatcagcaca gctgtgaaga   60
ccctgaacaa tttggccagc cactttacga tgtcccgcta tttcagacaa aggccatttc   120
atcgaacctg actgcaaagc cggacagtca aaacacatat gatgtacaac ttcattccca   180
accacgtaca cagacgcctt ctcgaaatcc gcccagactg cacactgaac ggcgtcgtca   240
aagtctgaag aggaatcacg ttagtcgctc gtgcttcagt gaggaatctg tctctgaaca   300
ggagacgta tactcgcggc aggcgaaatc agaccagcca aggcctctgg atcgtgtcgg   360
catgcacgtt ttgcgacgag acagagactc ctaggtngcg tangggacct gtngacgccg   420
gacccttttg caccgtttgc cggttaatct ttccaaaagg cggtc   465

<210> 2165
<211> 146
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 2165
ntacgagcgc gancngatcc canactgggg cggccttccc ccgncctttg nctttgagcn   60
tctcacgcnc tttatggcat acggtttctg catggctcct gtacagatna agtggttcct   120
attcctnggg cntatnttcc ccgcac   146

<210> 2166
<211> 454
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 2166
caacatcatt caagcatctc cggttcaagt ctaactacca acactctacc aaacgcctag   60
ttcgtgatcg acacgactcc agtcggtcga atcctgaaca tataccaagt cgccggcaat   120
ggcctcatcc aaagtacgct gccctcaacc ctnggaggga ccgagcccga gccctgtcat   180
gatctttttc acgacctgct agatggcata acaacctatc anggcccaga tttgctgatc   240
tnctttcgtc ctcttcagga aatgcagcag tcctngaggc cattgactca naccccttct   300
ccgatgtcgt ccacgtcgtc ggccctcccc ggccgtcaat cccacgctcg gacgagctcg   360
cactcgntgc tcacaggcgc tctcaacgcc aaccatagag tgactcgacg caagtctgtc   420
ataaacccga atgcgaacgt taccgcgatc gccg   454

<210> 2167
<211> 337
<212> DNA
<213> Fusarium venenatum

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<400> 2167
caaaagggga cccgttgata ttcagggttc cttttttcgtc catgtgaaaa ctcttcacgg   60
ccaaaagcgg atgtgaacta tcctcgtcga accagggctc gatcaaagcg gcggaatcgg   120
tcgaaagatt gaaggaagca atacgcctcg tccatcaacc accaaaggaa tagatttacg   180
atcaggcgat gcatcgatgc ccagaccgac aagcatcacg actcatcact cacatactga   240
tgacacggaa atgacagcct gcttcgctcc cgtctagatc agataaccgt gtggatcctc   300
gttctctgcc aatacaatca catcttagag ataaaaa   337

<210> 2168
<211> 830
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(830)
<223> n = A,T,C or G

<400> 2168
canaaacttg ctgagttcat ggctgancaa gctgccattg cccgtcgagc tgccagcact   60
aaccctgcga ccccccctcgc cgagcctatc aacaagcaca cgagcaacat ctacagcaca   120
ccttcaaaag ggcacagtgc gatggggttc gatggatacc taactccccc gatcacccng   180
gacggtaaca ctttaatggg taaccacaac ttggccaagg aatnatatgt tttgcctccg   240
cgatgcccag tcacccctac gcctnctcac catgcggnag tatatggtca tcaacaacaa   300
caacaacaaa accaatacgt cggatacgtt aaccagcatg gcatgaacca ataatgttct   360
tcatgacaag atattgaatc gacaattcga cctcgacgtt cacccatgta catcaccttg   420
actttcatac acaatctttt gcgacattct attatttgtt cgaaatcatt gcatggtcgc   480
acaacaagaa tgatctttca catttgttat ttttttggca tttagcgact tggtttccttt   540
tttttcccc gcgattcaac aacatttttt ttttatatca acatcaagtc tagcggcacc   600
aaaaaaagga aatccgcgga atcatactcc tttcttcttc attttcagca aacttctgca   660
ttttattttta tcangctcca tacactgctc cccggtgtgg aaagatcngc ataccccgaa   720
gaagtctaca acagtcacat ctgggtaacn gtggtgacta nattacagtt gaagacctct   780
cacaccggan tcaagacaaa agaacgagaa nncccaaagt cctccantga   830

<210> 2169
<211> 545
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(545)
<223> n = A,T,C or G

<400> 2169
cgggcctcac catgacaagc ctgagcacgg tcctgagggt ttccgcgccg agggacatga   60
gggacacccc ccaccaccac ctcctcctca ccatcccatc attgtgattc tcggcgtcct   120
cgccattgca ctcgctcttt tcagcggcat tgccattgcc tacatccacc gccgcatagc   180
tcgtctcagc cccgagtctc gacgtgccat ccgccgcgca ttccgtcaat ctcgggaaga   240
acgccgcagg ggctccgctt tgaaggctgc gtaccgagct ttcatttctc gatgtgtcga   300
gaacgacgaa gatgagaagg aggccatgct tcacggtgac cgccgcgaag gtcttnttct   360
gcaagcagcg tgaccatgga agaagagatt gcttctttcc gcgaggctgc taacatggtc   420
gacggcatcn ttgctgccga anaagccaca acacacacgc tcgctnttac agctatgtcc   480
aagccctcta tttttttttcg cccaacacat caccaccctg tggcggggna taccgtactt   540
tccga   545

<210> 2170
<211> 349
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 2170
gctgatgccg gtactcctgt ctcttctggt gatgcccacg gacctccaac cgagccaaac   60
tcccgtcctc acagcactgt cagccctcag gctgctggac ccgccaacaa ggtcttcgat   120
aacgctcaga gccgcactag cacatccagt ccaaccggtg gttccccttc ccgggatatg   180
acacctggct ccaagtctaa ccangctggt gcctcggtgg ctcccatcgg aacccgcccc   240
tctggtacac cacaaacctg cttcatctaa gcgatcgaca cccccctcgcc tccctggtgg   300
ttnggggacn tggaaacggc tttggggcca ntctctgtct cggtgcccc   349

<210> 2171
<211> 358
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 2171
cttancaata tganctctac aaactgtgct gcgngtgttg acgcctnctt tggtccattt   60
gttcctcccg aatgccgcca tggcttngac tttaccctca tctttgaaca gaccattctt   120
gtgcttttac cagcctctct tcttcttgtt attgcacctt tncgtatctt ccgcctccga   180
aacgctcaag tcaaagtcac gggccatcgt cttcgttctg taagttggcg cttantgctc   240
tcttggctgg cttcatttgt gctcgtcngt gctctgggca antctaactc gtgcttccaa   300
acgccgtnta gacgcgnttc cattgntggt gcatgtgtnt nctttgcctc cagtttaa   358

<210> 2172
<211> 198
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G

<400> 2172
naaggaaggg tttttaccga tttngagngt ttcagntttt ccqacttaaa naagcagnga   60
cnattttaaa anagcgcang ggtttggcca agggnaaggc ctcccnaaaa angggtatta   120
acttggaaca cnggaggtct taaaagttgg gttaaaanaa gggcccggaa aaggnacaaa   180
anaaaaancg gttgaaaa   198

<210> 2173
<211> 545
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(545)
<223> n = A,T,C or G

<400> 2173
tcatcatcaa ccgtctcaac tcatcaatcg gcattccgtg acgggatcat ctcatatcgg   60

```
gaaggtcctc caatgcaatt tcctcnaaag ttgaantgca aatcgtggtg gaacgcaaag      120
tgggtgagat aacaaagaag ggtcanagca atctcaacaa ttgtctgcat aaaaaaactc      180
catcctgcac tgagaaccca ntatccgact acgaaatatt tttggcgaca ccgtgacttc      240
acgatgtctg agaatcaaac acaagaccca aacccaagga agtcgacgtc ccgggcgtga      300
aggacaccga gaatgttata actgacaaga nggaagccat tctcctggct cgaaccgcac      360
cctatcntcg tcatcaatct cgtcgggccc gaagaagctc cctttgggat ccaaaaagat      420
tcctccggtc cncgattcga gttctacgaa aagctccttt tcaacggngg aaaagaaggg      480
gaaanttggg cacantttnc aagccttccg gngaacaacn aanggaagtt tttgggcccc      540
cccaa                                                                  545


<210> 2174
<211> 456
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G


<400> 2174
gctttcgaca atcttcagat tacagcctcc gaaatcgcga gtttgaccaa gtgggaggga       60
acaaaatggg ctaaggaaaa gtatgagaag gagcngggat ncattattca tgacaccacc      120
gccgatggat tccccgactg gaccgatatt caacatttac ctcgcgcttc tcgcagtcat      180
tccgcagaag ttggttatat gggacttgac gacctggata acgacatgga agttgaaagt      240
gaagatgagc tgggacagtg taggcgttga actgaacgag cgtctcagag atggagttgc      300
aagacgcgag gctgggtgat acttcagctg tcctcgacga agaatgggaa cagtggctca      360
agaacgccnt cgaatcaggc gagatcaact ttctgaacga ccacgtcttc cangaaagtg      420
accagtanct gctgcgccct tcccacangt ttgctc                                456


<210> 2175
<211> 419
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G


<400> 2175
gtttaaagaa caatcgcagt cttttgaggg tggtggtgat gccganacga cgttgtcgca       60
gttctatgat cagtctttag ctttgcataa tccagtccct tcatcccagc ttgacagttt      120
ccaanaaacg acttttgagg agacttnttt ngaggggaact tcattcatga ctactcttgc      180
tgnaaaacgg gttgatgcga cagagtctgn accgtcatat ctttccgatt nggaggacat      240
accacctgca ccgaaaatat tggccctgca cccccagact atcacgctta atatcattgn      300
tgggataata tccatcgccc agccgcggac agtcaccacg cgctggggcc gcaccctctc      360
cctnatcgag attctactcg gagacnaaac aaagacaggt tcgctgtcac attttggct       419


<210> 2176
<211> 521
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G


<400> 2176
```

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```
cttattcaag gccacttagt gtttctttta agaacatcgt ctctgcccat caaactatca      60
agaggcgata cgatcaacaa gtggttcctg catatctcaa cttgcaccag tgttcttcct     120
cccatcttac acacttaccc accggacctc catcttcatc ttcatcttca ccctgaaaca     180
actctcactc aacttacaat tcgacatcat catcactcaa ataccatcca tctttaagac     240
aactgacgag tccccggaaa gtcgaccaaa agaggatcct ttaccgtgtc caatcccaca     300
tccgccagaa acatctcaga ccctgcgaaa ctttgattca caacaagctt cactcccttc     360
tggaatgcaa agtgcagata aacgtggttg cactctgagc tttcaactac aagtacaagc     420
ttcgcctgcc gatacacaac tcttcacatc ttcattcaca tttacctctc acatttccca     480
caaagacatc atgacagcct tgtcagatcc gtcattcgcc atggtccatt ctcaacctga     540
cgccgaggac tatgctcgat atgcccgact tcaacgtcat cttnacttta nggcccatgg     600
acgtgagcat tcccagccga t                                               621
```

<210> 2177
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 2177
```
cctgcgttac ccacatttac atgagattgg gaatcttcct tccttgctgc accgtatctt      60
actctctgct catatcttat tatacgattt gaccattccg ttttccctct caatttcttg     120
ttrgctctgc tcatcaagtg ccctgtgcga cccttaactc tttctgggag acagagagac     180
tgctcgttgt ccccgtttta actatcacgc cgcacctctc tgtgaaacgt ctcgctcgcg     240
cccctttac caccttaca cagcccctct ggttgatcac tgctcaacaa aggaaacaag     300
cgagccaaga attgagatta ctactggaag gaccggatac agtggaagaa ttgtcttgga     360
caatctcttt ctttcaccac ttcacattcc tgtcaagcgt caatctttgg gccaaaaggg     420
ccctagacga cttgccaagg tgtaaacggc taagaaggaa ttgaatacct cgacttctcg     480
cagatcagaa cccccgacaa ccaccaacct acttcactac tattataagc ccaaacngct     540
gagacgttgg ctggtcagga acgacgacna ctctttcttt caatantnac tttccaacga     600
ccgggccctt ngggtt                                                     616
```

<210> 2178
<211> 360
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 2178
```
attgngattc cagaaattgg cttgacggaa tgaatggctc cacaccgctg atgatatgat      60
tgttggcctt caaaaacacc ttgacgccaa atatggtggg ctcaatgcgt acctagatgg     120
catcggattt ggntctgatg atcgagccaa gctacaggat gtcttgcttt actaagacca     180
aggttcagtg tagggaacgt catcacatga gggagggatt gaatgttcat cttagggtgn     240
tgtttctatt tctttctaaa tcgaccctgt aaccagcat tatacatntt gagcttttga     300
gtttctgttga cgagcaatct gtngatcaac agcaaggttc ttcacctcga atccgggatg     360
```

<210> 2179
<211> 520
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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```

<222> (1)...(520)
<223> n = A,T,C or G

<400> 2179

```
ttttttttct tacaaagaga ttcccatttt ttaaatgtac agtaatatga tacacgctca      60
tccaccacca ctcctctacc tcctcttgat ccatcccctt gagttggaga tgcctttgat     120
gttcttggtg tacttccaaa ggtggcggta cttgggtcct tgtcgcttgg cttcccatcc     180
gcgaggcttg actggtggct tgagactgtg aacacgggta cgacggaact cgatatcgga     240
accgggaatg ttgtgtcggg ccatgacaag ctgcggtgtc tcatcatcgc tggtctctcc     300
tcgcatgcct ctcttctgca tgccctccgc gtcccgttac ccccgaaacc gtaactacgc     360
tcccgtcgtc ttcgtcttcg catgcttggt ttcttggaat ttggtactgg ggcctggggg     420
ccacaagaac tacctggtcc cccacaaacg aggactagan gagtaatact gtctnttgag     480
gcgaacanga tatatacatg cttttggcaa tttattttgg                          520
```

<210> 2180
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 2180

```
ngggggnggg gaacatgata cctggctacg attcgcacga cctaaacaag tctatgaagc      60
tgcggggtcgt tgtttatgtc aaccggccgt ttatgtttac ttttttgttc aacctacgaa    120
ccgactcctt ggccatggaa tctttatatc gctccctaca tcatcaactg gctcctcttc     180
gcaaacctnt tctcctctcc acaagatatc gtcccgagcg acctggcctc gacaatggct     240
ctagcagcag taacttgacc aacagtatct atgatttggt ctgggacccc gtttcattga     300
ctgttcacac atntataccc aacattcccg acacatatga tgattcggat ccttggactc     360
gtgccgatgc cctcagcact catctccacc ttgnaaatct ctatgttaat actcgatccc     420
gttcaactgc tcttgagcgc actgaaaagt ctagtcgngg atgggggatc gttggacacc     480
cctgctcgat cggttggagg acggctcgac aagtaacaat ctctcaacca tncaaaaagg     540
gggngccgat gcanatncgg acacgacgca ttttttggaa gaaggatgaa aaaagtttc     600
tgggcctgcc cn                                                         612
```

<210> 2181
<211> 539
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G

<400> 2181

```
gagcgcctgg ggatgcanaa ggccacggcg gtgggggggt tgttatanag cttgtcattg      60
aggagatcaa caatgaggat aatggtgcat gggaccaaca agctgaggac aatgagatgc     120
ctgaactaga tctttctcaac gatgagaacc cagtgatcct gccagctgag gaggatgaag     180
aagacttacc tcctgccccg atcgaagcac ctcaaaactc ggccgcagaa caagctgttg     240
acccttgcgcc tgtcattgtt cccgaacctg gagccgagaa caagctgctc agcaaaacca     300
acacnanget cccaagtac cgcccgctcg tcgtcctgtc tgggaacgat cctgtccggg     360
gtatccaacg cgatcgttaa tgccttgata cttccgggta tctcttatgc catgggcgan     420
ctttttcnca tggccttcct naacanatga ctgccacgca tcacctccca agaagctctg     480
cgccangtct ctccacanca atggggacaa tcttgtggtg gttttacttg tgatcaaaa     539
```

<210> 2182
<211> 427
```

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<210> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 2182
ggcaaaatgc ctttcacttt agtagagctg ggcttccagg actacgcaag ctcaaacttc    60
cccttgaatt tgcccccaga ttctcaattt attgcatctt gtttatttta tttagaactt   120
ctggcaagct ctatcctgat tacactacac tttctttttcc ctgctttgcg aaaaaagcaa   180
gatttgttgt cttcttttcg tttgctcgct tagacaaact ctccccactc catctacgcc   240
tcacctactt cttctctctt acatcctcag tctctcttca tagagcagac tcattgtaca   300
gtataacaat gcctaaccat gttattctgg atcangtgcc gtagttgccg tctcggtcgc   360
tgtcgccaac gctgttgcan tttcgagtcg cctgaagtgc gacgatacgc cgatgatgtt   420
cgccgca                                                              427

<210> 2183
<211> 262
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 2183
gtcggcagca ggatgctttc tcgtcctgct tccctacgc tgggtggtcc gatgactaag    60
aagagaaaat cgagcgcgtc tagagtacct aacgggctga ccatgacccg catggacacc   120
acgccctcac cgggttcgca ggcagctcaa ctggctaacg ccacgtcttc ctttacccct   180
ggactttggg gggttcttcc aggccgagcc ttattnggac aanaaccaat ttttttttctt  240
atgccggccc ctnaccttgg gg                                             262

<210> 2184
<211> 566
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 2184
gaaatgacgg aacgaccttc tacattact tttgctctca ttccaagatt cgagctgctc    60
atgtggtatt cttcttttct tcttctccca ttgtctttgt gtttccatat attttggtct   120
tcaagactgc tctcttcgct ggtatgaact cttccttgaa cacccaagca tatatgtcgg   180
tgggaagact atgtgcatct taataggcct atttggcttc aagaattgct tatagtattt   240
ggatcgccg ggatagaga ntcgcacggg tngggttatg gaatcgctgc ttaccttttt   300
cttcttcttt ttttctgtta cctgtctttg cttgtgggtt tgactttact ctgggttgat   360
ttggttgant acatgtgcga accacaacat accatgttat ttcttgttgc aagccggtga   420
tggctaattg ggaagcattg gatttggttc gatatatctc tctttgggca agctattggt   480
tggttttctt gtggcttcnc aatttttattt tganganact gctttncttg cangcgtttt  540
gtgctgcaag catattctac taggct                                        566

<210> 2185
<211> 787
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(787)
<223> n = A,T,C or G

<400> 2185

```
gttttgatcg tttcatccaa gttacgccat ggagatatcc gtggtaaaaa tttgagttca      60
gactcagctt cagtcttcca acactgcaca atgtgagtga gtcttccagc cagccctcgt     120
ctaggtgaca tcggtcagtc gaacattctg cgggtacagc cagacttggt ttggacaggg     180
gataaggcgc gatacctaac ttgagggaat taacaaggct gcctgccata cgaattcgac     240
agcgggtcgt atctctgttc gtccatccat atcactttct ccccgcatcg tccagtccca     300
gcagcgatga tgattgcttc attccttcg tttctcgtac gatgacctct ttgttacgaa      360
gtccagtgac cagaggcgca agtgaccatc aagggatctt ccgagtcttg agatctggat     420
ggaggctaaa ccttttcttc tctttccacc acagaaactt gntgcgggga cttggtgatg     480
gncggatagc tttgnatgtc atccttttgc gctataagct tatcaaaccg ccctggtcga     540
tttttgtta aactgnacca gtagtgggga tcatnactcg agtaaccggg tcggnatggt      600
gcccgtacgc tcgaaccctt aaaatagcgg atgccatgan ggtnaaaagc aaggggtaag     660
tcaattggga aaagtcgatt ttttgaagga actttgaata atcggcgtga tgttgtttgg     720
acacaangga atttntacat tanggaatat tncaggcaac nttgatcagg gttttttaa      780
agacccc                                                                787
```

<210> 2186
<211> 615
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G

<400> 2186

```
ttggcgaaag tcctgtgtcc aacccatcca gcaactcgta ctctgtcgga gagcacgcaa      60
gtacagtttc gaggtcgaca gagccacata tctcccaacc cgactctcct acggctggac     120
atggtggtca tactcgcatg acatctgatg tatctggtgt cactgaaaac agtggcagac     180
cgcctcggat agcatctgat gtgtctggta tttctgaagg cgacgcttct gctctccgac     240
atattacaag ccctataagc cctagaagtg acgatggcaa catgccttcg ccgccattcc     300
ctggtatgac agaggatatc cttccttctc ctcctgcaga tctcacgcct tcatcgnctt     360
ctcttaatac agcaagtggc tcctgntcct gtgtcttctt ccaagtgcca acgaggcgcc     420
cggtcgggac tatnttacag gcaanggctc atcaagcccg aatagaaaga agtatgttta     480
aaggagagcg aggaagacat nggcaaaca aagtaagcac acttggggtg ggnggggnt      540
atttgcaaaa gcnggggttc taatattttg ganggtatat tatggtcgga catanggnac     600
atatntagan ctcgg                                                       615
```

<210> 2187
<211> 230
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 2187

```
naacgtgnta tacaactaca tntacataca anggggggng aanctaaata aaactgtcac      60
ngaggctttc acccncgcc gngggggaaaa ttatatataa cgtttctcat gctcacaatt     120
tgngccatgg gngtactcat tgtctggttt ngggganatg nagaaacaaa ngtatgccgc     180
```

ncaaaaaang gaccgctntt tnggagaggn attcaaggag gagatntctt   230

<210> 2188
<211> 647
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

<400> 2188
cttagttatg atcgagcttg cggtagttgt tcatgcctgt tattggtcca accgagagat   60
atcgaataaa ggctgaatac ccgtcttacc cgtcaagtcc ttgtctagtc tgtccctatg   120
ttgcactaca ttcatgatcc tcccaacagc tctcccctct ctgcagtgcc tccagggtac   180
agagcctcac atgcagggtt ucgcccaggc aagtaggcag atggcagaat ctggtctgtc   240
tatatgtagg gggccaagcc atcccgtctt attctccgat tcttrrtact tctgacccag   300
atgtcagcct gccatgacca ttagccaaac ttgttggtcg acactcgaca atgccaggcg   360
attgtggatc gacctgtccg gcctctgatg gcttctacgc ttatagcccg agtgtaggtg   420
gnaacgccgn gttactcact gctttgctct gcttctcttg ctgcactata ctttggaatt   480
cgatccaaga actacctctt nttcctngta ctcacaaccg gactctttct cgaagtgctg   540
ggatttaatg ggcgaattct gnttcactta aaacgggatg aacaaggnca cttttttntt   600
ggtatggttt ggaacaagtc tgggnccatc gctaatgagc ctcgcca   647

<210> 2189
<211> 353
<212> DNA
<213> Fusarium venenatum

<400> 2189
gtgacggcgg gcagcgaggc atggtcggag agtgttggtg gtgatggcgg aagatgctgt   50
cgcccagcga aggggctggg cagtccctcg ccgaagggcc gagctcatta tatgagatgt   120
ggtggtggtt tttggaaagg tggtcctagg tggtgatgaa gaggtgagac tggatcagta   180
tggagggatc caggcaagtg tatattttac aggagacgta aagtggtcgg tgcggtgatg   240
gaagataagt taattctatc tgggttgagt ggtaaagagc aacgggtgga agagagctta   300
atatatttgt atctgtctgg cagtgacact aaactgtcgg ttgaaaaaaa aaa   353

<210> 2190
<211> 385
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 2190
cgaagctaaa agtggctatt cgtcttaaca aacctgtaac agtgcggttc atcggcttcg   60
tgaggaagg aagcttcagg gacgtgtaca cccttggtgt gacacggcat aagtatatgt   120
atatatgcac agcaacctcc aacctccctt ccattcattt gcctcgcagt attgacactt   180
ttgaccggtt gagtttcact gcttctgtaa taaaataggt tgtttgtgct gacgttgagc   240
tctgatgggt atgtgacatg ttctatgtcg tgatctgctg cccaacactg tcgcttctga   300
gaaggatttt gaagaggaga ccgagcaaac tccggtntta gttatgagag aattgagagg   360
aatgatcan tccagttnaa aaaaa   385

<210> 2191
<211> 594
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 2191
```
cgacctcggt gaggattctg tcctgcttga gtcgccgctt gataagattg agccttacca    60
gctgttccgt aatactttga tgaaaatgca agcagaacag ccccaatttt acgggagctt   120
ggctggacac cttacagccg atgaccagaa cgttattcag aacgtgatgg tcaaggccga   180
tgagattgcc acacagcagg ctcaacaggc ccagcaagct cagctcctcg ctcagcagca   240
ggctgccgct atggccgcca gctttgggtg cacagaacgg aggtgctagc taatccagcg   300
aagattgtgg ttgagagaaa atcaagttat tggaatggtt tcccccttg ttatatcccc    360
ttcctctttc gcgttagggc aggagtcaag attccccggg gaccaagaaa cgtgttgagc   420
ccatatcaaa agaaagagac tttagaacgt gcaacaatga tggacnaccc cgccgtggaa   480
ggccttccaa aagaatgccg nggtatgatt ggtattgggc acttggattg aaacctatta   540
acgagtggtt atatgatggg aaaggacacg gtaggaacna accggttcca caga          594
```

<210> 2192
<211> 602
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

<400> 2192
```
ttttttttnn cagctcgttt attgttttat actgtacttg cacgatttgt ctgccgtctc    60
ggcaaggctc gtacaagatg aattcggcta caacaacaag tacagagact tcgaatggct   120
ctgcttctgc ctctatttct aaacgcaacg gtcacgacgt cacccgcacc aacggaaatg   180
gaacagccac gacaggtcct ccaaagaagc ctggtcaaaa gtacanacac gttgctgccg   240
ttcataagca gacgagacca tcatgtttga gccacgattc agatgctgct cccagctta    300
ttggctttcg caatctcatg gngattgcct cgnggttgga aacttacgat tgatgattga   360
aaacattcaa aagtgcggtg ttttgatctg cgtgagatgt catgactaca gtcgccagga   420
tattttcttg ggctgctctc tactttctca tccatgccat nttnttgccc cctacttgat   480
tgaactggct gctgctaaca agcgcgaaga tctnttaaac gttacaacga tagtgctttt   540
nggngccctt naaancaaga gccccacaag tttcacaaaa cttgggcatt ggcnatgggc   600
ct                                                                    602
```

<210> 2193
<211> 673
<212> DNA
<213> Fusarium venenatum

<400> 2193
```
caacactaca ccaagattgt attgctatcg acattatttc accgcacaca ctgggcctca    60
agacaacatc acttgtcggt cccacatcac tactctacct ggctgttgac ccgaaacagc   120
acgagcttt gatcaacgat tgatggatgc tcacacntgct tacagccaca attgtttggc   180
gtttacggaa ttggacttgt gcaagcctgg catgcgcgn cgggcatccg cattggagtt   210
tgggtctttt ttaaactgcg aagtttgttt catttctct ttgctatcgc ggaacatcac   300
cgcctttggt ttgactctgt tgtttaatc atcatgtctg gtcgcctcaa tctttgaccg   360
ctctccgttg aacgggcaga gacggtctta ataaggattg agcgcgcaac agaatgagcc   420
tgctttattt gtatttacgc agaagaaang cgaagcctgg ttttacgcgt gtcacgatgt   480
ctccgagagt gcgtccttaa ctgcgcctac aacgatgacc tgattgaatg caaagactgt   510
ataatggcgc aggggaaaag ggaaatgaaa tgttagtgat tgatttggga aaggaaacaa   600
aaagtttgct tccttgcgag gaatgcaatg caatggattt gtgctttttc gaaggaggag   660
ttgggcataa cag                                                        673
```

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<210> 2194
<211> 605
<212> DNA
<213> Fusarium venenatum

<400> 2194
```
cggcacccag cgatgagaaa gtcatgggag gactttgctc gagccgatga atcgcccaag      60
tctgaagatg cgtgctggag ttatctccat attcctggcg tttaaaacca ccaggagctt     120
gtcatatacg acaatttcgt actcaccatt ctcttcacta aaccgtcata atcttcgagg     180
agtctttaac ctccttttct atttccagat cccatttccc gcataccgat ttcagggatc     240
atgatgattt atgcgatatt tacacggaca cacgccgccg attaccctaa tgatcccacc     300
agcgttgagg gaccacaggg gaacgaacga cactcaagcc ctcctcccta cagagctctg     360
tatcacttct ctacaaaggc aacaggacgt ggggcgcttc tctgcaaaga cgccgaccaa     420
cggctgaatc ttctaggatt ctctggtgta gagtaatccc aggaggatg ctgattcaaa      480
gtcctttctc tagtcaccaa gttcagaagg taaccttgtc accatgtcat ggcttgggga     540
gggatttact tccttcgctg ggatagaaaa aagcgacttt gcattccgaa gccctgggc      600
ttcaa                                                                  605
```

<210> 2195
<211> 242
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(242)
<223> n = A,T,C or G

<400> 2195
```
ngagangact ttcccgagac ttggccagta ctgaanaagt ggtttggaga ggttcgtccc       60
gctgcaacca tggtacagtc tgcattgatg aaggaagaga tgaanattga aatccaagtc     120
cctgctagaa taggatgtgg naaacaggaa aanatagacc catgtttgcc atctaaaaaa     180
aaanaaaaaa aaaaatttnt gccgcngctt ngagcttgct ttaaccgggc ccacttcccc     240
ct                                                                     242
```

<210> 2196
<211> 517
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G

<400> 2196
```
gcaagatgct tccagtcatt cattgctttt tgtagccaag ccgaagcagt taccagtcac       60
tctttattgt tcaaaatgct gccaaggtta tcgctactct tccattcttt gtttgtccct     120
ctctgcatcg cgcgcgacaa caacaacacc agtcaatatg ccgcgaccag cggcacagtc     180
tgggccacgc ccacgatag ttactcgtcg tcaataggcg ttctcggttg caaagtcgac      240
acgaatcgca tcgcttattg gcccaattcc atcgattgcg acaatatctg catctccttg     300
acctaccaag acgctccgtc tatctcctcc gcatcgatca atcccaaggc gcgcacgacg     360
ttagctatga tgcatggaat tacctctaca ctggctacag cgccaccgac aagcctacag     420
ccggggggcc tgtcgaaatg actacganaa ttcaatgctt ccaaatgcaa gcacttgatc     480
gatacaaagg gtgcaaatta ccttagcgc cgccaca                               517
```

<210> 2197
<211> 633
<212> DNA
```

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 2197
```
ggggatgcaa gcaaattgat tgagaataga agcaacttgc attcatcttc gcatcaccgc      60
attaattccc acgatggctc attacatcga tttcaccact gcctctaccc ctacctgttc     120
cctctctgct atccctccta ctacccagga tcccctgttc tttactcgtc ttatcgacaa     180
gcaattcggg cttgacaaga ccaaaaatgg tccggcggat gagcatcagg cttgggccat     240
gagctacaac aaacagcttg cctctcagca gctacggtct agccagcaat atgatcagat     300
tgccgctctt caggggatga cctctgatct ccatgcgaag cccgcagacc ctcagctcct     360
tcnaaacatc agccaggctg agcagcttct tggagcttca cccttctacc gacgctcaaa     420
tcttgggagc ggagcttntt catgcccagg gctggtccaa agaggccgtt gctaagcaag     480
tccaatacca gttgcctgac caagttgccg ctgaagctgc ctcccgcctt gaccttcgca     540
tnaaagctcg tgctcaagct cgtnttcaag ctcgcggaag gntacccgt catcttctac      600
cctcaattcc cttactntnt cattctaccc aaa                                  633
```

<210> 2198
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 2198
```
catttattgt tctcttctcc aacttcttct gttcatctca actcaaacca attgacttgt       60
aaccaacatg tcatgacacg gtcacgatgc ttccggaacc aacaatcgca cttacctttc     120
ctagcataaa cgatggaacc atcttgattg ccgtatctac catcctctct cgctagctgc     180
gaaccagaag cgccaacatg gctgaaacat gccgctgtgg tggctcatcc gtatgcaccc     240
atggggaaga tgctatgatg atcctgtngg tagganctgc ggctgcgcaa ttgcttccgg     300
aaaggttnct tggtagcgac tttaatttcc gaagtgcaca tggatctgcc gganggactc     360
attggactcg aaacccgaac aaatgatatg caacgttgtg gctttgtttt tacactacnt     420
cactatctcg atccttcaac actatngaaa cggnctgcga a                         461
```

<210> 2199
<211> 585
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G

<400> 2199
```
cgctacgaaa gccatagccg aatgctttgc ccgtttacat ccacaccgtc taacgcgctg       60
gctaccgagt agcgcagtag catgcacagc cctccactc gcgatgcaca tggtagatat      120
caaaatgtcc gcggcctctt ccgctgccga gatctggtcc cgaccagacg ttgcttcaaa     180
acagtcacga ctgaatgtcc tcattcaagt gttcagagaa ctccatccta aatacgacgg     240
cgtgcattct atctcaaga caattcggta ttttatggaa tgcgttggcg tcaacgagcc     300
tacgcaaatg atgatcacaa acgaccagag cgatgtattc gcacgaagtc ctgcccaata     360
tctacgcttg ctttgacaat cgacgtgtgt ctgaccaaga tcgtctcgta caaganagga     420
tttcccgctg cctgagagtt cgtcagcagg atcatcactt atgccatact tcgggcaacc     480
agcatccata cgancaatga cagacatntg tgcctgtcag catcgccgcc gtacgccata     540
```

```
tttgcagaac ttccgcggat gagagatcac gnngtcccct caatg                585


<210> 2200
<211> 106
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G


<400> 2200
ngggtcgcca tgacaanatt gancgtgtac tgnaaggngt atgccntaat caagattacg    60
gctntaatgg ananggacca anancgtatg attnngccta aggacc                   106


<210> 2201
<211> 269
<212> DNA
<213> Fusarium venenatum


<400> 2201
gcctcagtcg acattgtgac acttctcgga gtcaacggtt accttactta tctctacagc    60
tccattgact caactgctgc ttggtgccag gtcccctacc ttggctggct cacctttgct   120
acctaccttt gcactgccat tggacacttg aacaactggg acctcgcaag cggcgagatc   180
aacaagaagg agtaaggtga tccggtagaa gaatattgta aagttcactt tttgatcacg   240
agctttgaat gcagctgtat tgaaacttc                                     269


<210> 2202
<211> 101
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G


<400> 2202
ncntgggttg gggggaacc tttttgacaa tgggggnccc ccaaanttga tnaacttggg     60
ggggcctaa anaaccttac cgggtggggg ggngattttt t                        101


<210> 2203
<211> 455
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G


<400> 2203
ntagttgggc atcctaacct aactaatgcc tacattagtc caaagagtgt gatgataccc    60
tcagaattca atcagaacgc cctctctttc cctctttggc tcttgcgcca cttcatgttc   120
ggtctccggc tcctcttcat aatcatcctc tgcttctacc tctgacgcct catccaagtc   180
tactggtctt gcgtcgacac gcttcgcacg agctctggac cgaggcttcc tcttggtata   240
gctcatgatc ttcctgtcca ttcgacgagc actcgatgca tccgcagcac gaagcatctc   300
tggaggcatt ggcatgacac cacgcgcctg gagccaccag tcgggggaact gcgagaggcc   360
gacttctgca aggccagttg acgttgtggg cattgtgtgc tcgtagtgac agtccagacc   420
```

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ccatttgcag actccatggt ggcaccagtg tcgac   455

<210> 2204
<211> 105
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 2204
ntggtgtgtt cacacgagan cntggaggaa ttggtncgga tttgagncta atacatggga   60
aagttgaggg ttacgaattc caagntgctg nagaatgggn taaaa   105

<210> 2205
<211> 862
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(862)
<223> n = A,T,C or G

<400> 2205
catcaacaac aactcactac ctaataatca accaacatca ctcgctttc ccccagtcat   60
tcgcttttgt taagaggtgg attttttttgt cgattttaa tggtgatttg catgatcgac   120
cttttaccga ttgattcgtc tcgtttcgtg gctggatagc tgaaaccgga tttaccgacc   180
gacacaactg tttgcttggt ccgtcagcaa agggtcgat ttccaacaac aacaaccacc   240
actgcactgt cactctttc caccatcgtt aaccatcaat cgaattaaac gtttctttc   300
atcatggtgt cgcgatggtt tacattggcg cttctcctca caccttcatt ggctcttcag   360
aacgattta gcttctaccc gaaaggtgca caaaaatgcc ttgagaagaa cgctgacgac   420
gcctcatgca ccggcgccga ctcaaagag ctcaattact gcctgtgtgg tttgggcaat   480
tacaataatg acttcatcct tggctcancg cgctgcattg acaagagtc gcctaacgac   540
attgacgaga cgtacgatat gatggtggag gcttgtaaca actnccagac accaatgaag   600
acctngaaaa cggactttca gcaggctgcc catgatggag agacgactac gagcgccaca   660
ggaacgactg cgactgcttc agcgactgct tcagcgactg cttnagcgac tgataccgct   720
tctaccgcgt ccgacacggc tgctgcttcg acaaccgatg cttnaaatgc agatgcggac   780
acgggactgt cgacaggtgc gacgatcggt gtgggcgttg gtgcacanca agaggtgcgg   840
gaatcgcggg ttagtcattt gg   862

<210> 2206
<211> 746
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 2206
tttttttttt tttttggat acttattatc caattgccag gcacctatnt attctgagca   60
attaagnact atttatattc aatccatcta ctggatgtga tccttgagga atcccttgac   120
ctgttcctca gtgacaccct taatacccag caacacatta tcaagcttct caaacttggg   180
aatgctttc gcatcaaaga tagctcggaa caaataaggt cccagggtag gccagtcata   240
aatgcccttg gccacattgg catnaacttc gcagngatat tatcaatctg gcatgcttaa   300
ccttccactc ctttccaggg ctgacttcct tttgcaagct caagaacctt gttttgggtg   360

```
aaggactata tcctggacgt anacaatgcg gnctgtgtnt tttcgggggng gccaagacgc      420
cgatacagaa tngccgacct agcgaaaagt agtaggctga ctntgcatna ccttgatccc      480
aaaagngact caggtgggaa aagtcaaaaa aaagtgngct tgatccccaa cgaggaaaaa      540
ccgtgnaaca aaggatacta atntgccttg attggaagct natgagttat cttgatgnga      600
ccttgtccna aacggaagtt tcttacctgg dacaacangt nggatccttt tngagggang      660
aaaccttgaa ctgcannaac gggggtnaa naaaaggttt ggtggggatg gaaantgcca       720
ctgtnaaaac anacntttgg ccttgg                                          746
```

<210> 2207
<211> 638
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 2207
```
ccatgtcttt cttttttgac atgggaacca acatttgtta ttctttcttg tctttctttc       50
tctctttgtg tgccttgtat tgattccctc cttgttcttt ttttctgtcc cccggctcgt      120
gctttcatct tctgcccact tccattttct ctttgccaag catatccctg ccttattctg      180
cctgtctgcg ctgtctgcct acctctacct tgtcgcttgc agcattttag tttaggttgt      240
cattgtccca tcagctgggc tgggctccat tttcataata aggtatcgga tcccaacctg      300
cgcccaaagt tcttcttttt cttctgggtg atctgcttgt tatcgtcgtg tttcacttat      360
ttgctttttt ttctttctct tgccgtttaa ccgaatgcta catcgtgctc gtccatggca      420
ctgtacctgt accgtacagc tgcgccgttg catcagttat ctatctttcc gatcatcgac      480
atcgatatcg anaatcgaac anctgaactg aacgctgaat gtctcatcgt cacnttccc      540
ncgaattgcc ctggatgtaa aacgctactg ccgtgattct tgcaacatct ttctccattc      600
atcacatcgc agttttcaat ttctacaaca aggggggcc                            638
```

<210> 2208
<211> 408
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 2208
```
gcgcgacaag actggcaaat agacacatga ccaatacaag ccagcggaac aatgccattg       60
gttcttccaa ctcacagcca ttgccttcac ctgggatctt gcgccgaact gccagtttgc      120
tcttcccgtc attagtcacc aatgaagaca aatcgagacc aacaacacca accctgcctc      180
gatcaccctc aatgaaactc gtttcgaacc aagtgcctgt gcctnccgaa caaaacgatc      240
gcacctcagc gcaggcatta tacaatgttg cgcatgaacc atattcaggc gcattcaaag      300
agcgagattt aacaaaaccc cccacactnc cacttaagag cagattcctg gaatggnnca      360
tttgatactt tcgtgaacca cagatgaacc aanccgangc angcccgc                  408
```

<210> 2209
<211> 527
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 2209
```
ccggatgaag gctgggcgag gtaatgactg agctgttgcg cgagatcatg gcgcgggtcg        60
ggcttctttc catccgtttt tcatggcccc ctttcttctt tctcaccttt ctgtggattc       120
ttttctcgcg cttgcttcta ctgtttctgt tgcttccgtt acttttttc tcagtatctc        180
caagcattac tacagtatgg gcctgtgata ccccctttcc gtgttctggg agaaaagggc       240
aaatttcctg tcttgccttc aatcggatgt acacatttct ttcttccctt cctgttatgt       300
cgataaagcc aaagagcgct acatgtttct cagtctctct atctctctat acgagcgcaa       360
tctccaggat acctaccacc agtatttgac ctcgactttg ttgcatttgg tcaggtgtca       420
atctggcatt tcaaatttcc ttatctgacg aagtcatgag cgtttcgtcc antcttgtat       480
gccacgaagc atctgatatt tcagtggctg gcgaaagggg tggcagttcc atctcaagga       540
ttttccanct gtgtatttaa cggtgacatt tccttcctaa cgggaacaat ttttttttcca       600
attttcactt ttttcnttac tganaaa                                           627
```

<210> 2210
<211> 225
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 2210
```
nactgatgtg ggtgctccaa ataatgacgg acgctgccac gaggagaatg ctcttaagga        60
taccactgag agtcatgaca agtcctgaag tcttaccaat aaggaagaca ctgatgacnt       120
ttaggatgaa tgcaaaacat gcgttagcaa aagagcatgc cataccctgc aggggctgca       180
tcttcccctt aaaatcgagg acntttcant gaagcanacg acaac                       225
```

<210> 2211
<211> 234
<212> DNA
<213> Fusarium venenatum

<400> 2211
```
cagaccttcc cttcctcttt tgccaatcca ccttcaaccc tttcgatctg acgggaacgg        60
attcgagtga aggtatctat tgtacatccc tcttacaagg actacagctc cagattcagt       120
tacaatcacc ccttcgtcct caaacttgtc tagcagtgga tccactgtgt atctgcatct       180
gcatctcatt catctggatc tgaccttgtt caactgtgat cgactacaac aagc             234
```

<210> 2212
<211> 47
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(47)
<223> n = A,T,C or G

<400> 2212
```
tanccagggt ntctaccctc tcnanaacgt ccacatncga aagttat                      47
```

<210> 2213
<211> 630
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(630)
<223> n = A,T,C or G

<400> 2213
aaacatctca ggacacgtcg ctatcacctt cccgtggtcg caactctccc tgtcccccgc   60
tggcttggta gctttgccat gtactccgcc cagcaaaccg gcgctgataa tgcgacaatc   120
aaccccgccg ccctcagctc acctattata ggtctttcac atcaaccaca acgctcactc   180
aagcgcagcc attctcctgt actttacgac gtgctacagc cgggtgatga tggtatgtcg   240
gcggacaagt agtttgatgt cgctgtgctt tctgcgacat ccggctactt cgtgccagac   300
agcgcaatca tttgcatttt tttcctttct agaccggnac cattatttn aatttttttt   360
tttttaatt tttttgcctc gattttcgta cagcgtctgc taaaaagaaa aagttagtat   420
aaggggaaag gctaaccatt atcattatca caggtgatac aaagccactc cggaaacgag   480
ccaaaccaat gaacaaacga tcttcgggag catttccgag gttctgggca gctgaacctn   540
gaccttctta ngcattcttc gccagattct aatctaagnt cgnattgcac aagccagcct   600
gctntcacag tgagaccaaa nccnccagac   630

<210> 2214
<211> 604
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(604)
<223> n = A,T,C or G

<400> 2214
atttcgttta ttctttgtcc atacttcacc gtactgcact tggttccatg actttgacgg   60
atacgtgcag caatcttaac ccattataaa ccaagccccg cctctttagg tcctgtcaga   120
tccccgacgt cgccgctaca cgcgctcagg ctctttgccc ccctcccgtg tgagcctggt   180
ttggcagaga gcttgcttgg atttggtatc aaatctagag tgtcctgaaa ctcacttctt   240
tcgatttcaa ataattttcc atccttcgcg acactcttct tcgaccagcc tcacatccca   300
tcactcgcga tggcttccgc cggcactgga ggctctttgc acccaacttt ctcttgaccc   360
gcaacaagca gaaccttctc ttcgntgcct taacttcaat agcaagaant tgntggtcta   420
ccggcaacac gctgctttgc caanacactn ttcggacttt tgccgccagc aaagccggca   480
ggcctaagtt tcagganagn ccttcttgaa atatgattca cttggcnatt tgnttcnatt   540
tnttgcnaca ggacaaccgc ctgatgggna cttctggacc acggcgnttt caaaaagcgt   600
tttg   604

<210> 2215
<211> 959
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(959)
<223> n = A,T,C or G

<400> 2215
tgttagttag gatgttgctg atttgnatcc tcaattacag tacctgcctg cactaccacg   60
gaggtactcc ctnctcacat caacgaagct tcccttactc agttgtctta cctgcttlta   120
ttaagatcac acaatctttc atcaacctct ctacagtttc tcataacctc acaaattcct   180
ttcctataac ctctcagaca agtacataac agtcaaattc caatcagcca atttctgcag   240
cagtgacaat cactgtgttt ttgtttttgct tctcaaagct cgccttcgcg accattctta   300
cttgctgctt ctcatcnccc ttcaaagctn gcaaagtaac ctctccgctc ccaacacaat   360
ggcgccatc aagtctctca tgaccgcga ctggtcgcn naccagncg tcaagcgcca   420
gaactgggct tctaaggagg ctggtgttat cgttgtcttc tgcatcgttg gtgttgtcgc   480
cattggtctt ctcagcctct tcctttacaa gaaggccgct gcccgcaagg ccaacaaggc   540
ctccgccgtc taaaccgaat gttcggagaa gaccgaggtt aggggagaat ggagggtgac   600

```
ctgaggcata gtcatgagcg tctttggact attggcctca ggtagacgcg gtgttacgtc      660
aaaagtgcct cctgcgacac ttcgggtgac cgacagtgac cccgtattcc agtcatacat      720
cggctacgtc cctcatcaat tcctcgcttg ccggttgcca gtcgaacccc aacgatcagc      780
aagtcttggc ttgcatttca tcgtacatat caacatacca ccggatctcg tgggacaaac      840
gtgctggaag gacgggttct cgtcgagtgt tcgcggctag gtggctgngt tctatattct      900
aatgctactg atacctacct gtttgaagca aacaataatg attctttaca tgactnttn      959
```

<210> 2216
<211> 564
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

<400> 2216
```
ccgcgagctg acggcggcta tatcactcct tctagttatc ttggatttgg cccttaacag       60
tcagtcctac aatacttccc taaaccgaag aattatacct acctctttat catcccggat      120
tgtacaatac aatgactata gggcaatttc acaatgatca gaagtttgca ctcttgactc      180
anatatggcc aggaatgctg cgcgcggatt ttgacacata cggccacctt tacnaaaaat      240
actatctgta tcttgacgat cagttctcat cggtccaaca gaaaccaact ttatacactg      300
cacgtactgt tggagatctc ggcgatttga ttcatcgtat tcaagggcca aataatatgg      360
caaaggccga tattacagcc catcaatccc aggcatnata taacaccatc gacatagccg      420
ntcgcatgtg gttgacgatt catgttcaac actcaaaccc cattcgcctg aatgctttca      480
ctggcctgaa aacgaaattc tatcagacgc cctcgatgaa tgggtnaatc aaaatatttt      540
atcgaagcga catctagttg acgg                                            564
```

<210> 2217
<211> 548
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(548)
<223> n = A,T,C or G

<400> 2217
```
ncgggacctc tgcgggtgct atccaagaaa gaaaacccgc tctaatgccc cggctgcggn       60
ccgtggtcat gacgttctgc tcttgagctc gtggggggcta cgacgtttgg gggtctcgac      120
tattngcgct gctgcgaaag aaggaaagcc atcaaagaac caaaaacaag cccgaatcaa      180
gaaggncttt tacaagcctg tcgacggctt ggataanggc aagattcact ggatcaccgg      240
cgatttcttc aagcaaagaa tngtccaaaa agtggtcggt gatgacggca agtttttgatc      300
tcatctacca tatacgttcc tntgcgcgct tgncccccaac ccaagaacaa aatgggncaa      360
gcgcatgana aaactgnttt ccatgatggc cgnttatttt gcttgagttt cctttttgncg      420
aaaccatgtt cgccaacgng ccccttgggg ngtttttcgg agctttncaa aacctttgn      480
agctccggcg naaaaattgg ttcaacgacc acgngcccgn cccagggatc cttgttaaac      540
ttggccgc                                                              548
```

<210> 2218
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 2218
```
ccttgtttta cacgacttcg cttgacactt gtttcaagaa catcaaccac accgnggttt      60
tatatcattt tctgttgatc taagacgttg agatgattac aaatactaat attcccaaca     120
attgaaagta cacgaaatct atctagttta ttcatactgg ctcttacacc agtttatccc     180
atccgtcctc ccaataacca acagtacaag acagaacacc caaccaacgc caaattataa     240
aacccataac aattctgtca aacgtcgagc ttctccctct ntggcgacgc actcccgtta     300
ctaccctnag tacttgtata tgtaggactt gccatatctn tgtgttcata cgaactatac     360
atcaaagact tttgccgcaa ctacatntnt tcaacagctc ttcacaccgc tcaagtcttg     420
ccaggagttc ttttgtaggt ttgcgacaac tgcgcttggg agccggtgta cttggaatac     480
attgtattcc cgcctgttaa agggtagtta ctaagtcaag tggtatgcta gtagtatgta     540
tgtcctttgg caaaangaac acnggctttt gcgacgcact ttttnttgng ttggtgaaaa     600
aaacacaaac taaaacttgg gggggn                                         627
```

<210> 2219
<211> 597
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 2219
```
gtttttaatc tatgacaagc gttttgcttc ttacctatca aagctccccg tctatgtgtc      60
cccagtcaaa tacacctatt cattgcatgg ctttgatcca aaatgcaggc caatggcctc     120
ggtttccagc gtcatcccag gttacttcca gttcctttac tgcaagatct tccactaggg     180
acgtcttttc ttcatgatct ctcatgattt cgttgacgag cgtccaactt gcgtcaaaca     240
acattcgttg cgttgcaagt gttttgcgca cctggatagc caacgcttca ccagtttcga     300
tggggcttct agccttgcat tcccactcgt tcagcacaag ctcacactgt gagccatgaa     350
aagcaccgtg agccccccta cgcatgtgaa tatcgtcaag taggttggcc agttgagcct     420
ctaaggtgac aatgagacga cctacatata cgagattgtc gacagcctcg gcgaagtatg     480
gtgaaattgt ctccatgntg cgggtatacc tttggggaag anatcgtcaa taacgtctac     540
accttaatcc agctctcagg tacttctgaa ggaagaagaa gaaaggctcc aaatgga      597
```

<210> 2220
<211> 239
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 2220
```
naacacgacc tnaagcgcat cctgcncacc tgcctnctgg cttnaacnaa atcctnnggc      60
tgcatttggc cctgatgcaa agcntgatcc cacgctccaa gctgntaacc tggctggngc     120
attcngcgtt tttgcaatac tggaaacca caaanactat accttcgaga gggtgcataa     180
agtttgangg tntcgncgag ctaaaangaa agacggctgt tatggccgac ctagttaca     239
```

<210> 2221
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)

<223> n = A,T,C or G

<400> 2221

```
gcgtgcataa aacaagcaca atcaattgaa tcaactcagt ttgcatataa gattaaacaa      60
tattcatcat gtcattttgg atcgagacag aagattggca tacagccggc gaaccttttc     120
gcatcgtcca aacccttccc aaagaccacc tcccgatcgg tgcaacagtc aaagaccgtc     180
gcctcaatgt gatcaacact cccaaccatc ctcttgatcg gctccgccaa tctctatgcc     240
atgaaccgcg tgggcacgct gatatgtacg gcggctttat tacagaacca gacgacgccg     300
gcgctgactt tggagtcctg ttttggcaca aagatggctt ttccactgcg tgcgggcacg     360
gcactatagc tctaggttac tgggccatta ctaagaaatt gggccaagtg ccagaaaatg     420
ggactgtcga tgttgtgatc gatgtgcctt caggacgagt agtagccaag atcactcttg     480
aacagggaag accgattcat ggggatttca tcaatgttaa gagctatcag atcgccaaag     540
acttgtcggt caaccttnct tcaanggatg tcgatntaaa ngtcaacttg gctttttgggg     600
gacccgntta cc                                                         612
```

<210> 2222
<211> 615
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G

<400> 2222

```
ctactaaaac aatcctatta atgcgagttt cggtgcagat aactttatta tatcttgccg      60
atatattaaa gcgacattga tagagtccta cgcctaacac actctacact caagccgcat     120
ccttctact caacctaaat taaccccgcc ttcatcgagc ttacagccgg ttccaacgac     180
gaagctatca ccatgtctga aaccgctttc gcccanacat ttctctcatc gctcgagtcg     240
cgacctattc gactatcagc cgatcatgtc gaagacccta aatccttccc agctcggcca     300
ccctatatca tccctcgcat gccaaagggc atgagcaagc ctaacaacct cgcccctggt     360
tccgaacgaa gcatcactgt ctcactcaag tctcttcgca acccttccct gagcatcaag     420
cttacctctt aaccccctcga tacctcgatc ctggacatca agaacaacat ttagaaggag     480
acgaggatac ccgtcgccaa gacgaagctt ctgcacaaca agaagccttt tnccgacagt     540
aagatcctta aggagatttt gggtgagacg gatatgtctg tcgagttacg gtcatggtca     600
ttggcggggc tgttg                                                      615
```

<210> 2223
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 2223

```
agaggtctca ctgcatgcca gccttttgac catcaatgat ccatcgattc tttactaacg      60
agaagcgcga atctgtgact attgtgcctg gaccaatata acttttgaat ccatcacttg     120
aatcttacat tgtctctcat cctcacgatt atccaagacc tgcttacata ctctaatctc     180
acttcaatga gaaaccatac acttcctcgt catgagtgag acaaaatcgtc tcgccagccg     240
caaagcgtca gccaaacgca acagcgaagc agccgtgaa caaaatcgtc tcgccagccg     300
gaactaccga gagaagcgga aacagaaact agcgctgttg aatgagcttc tcgagccaag     360
tagcatagct agtgatgtta tcgataatgc tcaaatcaat ccctctcagg gactgaacgg     420
cccagtgacc tgctgatacc cagctgcaag accaagcatt gccaaagctc ttcaacctga     480
atcggcatnt atcaaccaaa gcatgggaag ttttgacgat actataccat ataatgnacc     540
acgtntgngg ggagatttat ctcaagaaag tgggttccgc tnttttacca aggnaaccct     600
aacatnctac catggccaac ttgggn                                          626
```

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<210> 2224
<211> 535
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 2224
nttttttagag atatagaaat tcgctgggca ttaagtcacc cgtccctcca agactngntc   60
aatcgctgnc gtgtctagta ccattccctt gtatgtgacg tctatagaag cataggataa   120
atttggtgta agtgtccatt gccacgcagc agatgtaact ctagcaccct gctatcaaga   180
tttgatatga gggattggcg atgctttct gctccgctct tgtcgtggac ttgatgggaa   240
atcattctga ttagaagtcc atggcatgtt gcaaatccca tatccatctc ccgctgttgg   300
gtccacccaa agcgattctt gatgtcctct tggagtaaca gcatctggat ctcgaattct   360
ttttggcatc taacgtagtc gacaccaggt tttctatcct cggcatgaaa aggtaagaaa   420
tccatattga caaacttaat agatgtgatg tgtgtttgac agtatgacaa caggaccccg   480
atgccatggg tgnncttctt aactaccggg aggacngggt tacccctTac atcat   535

<210> 2225
<211> 616
<212> DNA
<213> Fusarium venenatum

<400> 2225
ctaactttgt tggtcttcgg cgctttgaag agaagcgata gaaggtagtt gagagcactc   60
atcatgttct ctcgccgact ggtaacccag agctgtaaag cgatcccccg tggattctca   120
ttaactcgag tacgtgctca aagagctagt agctacagaa agttggccag cccgcctccc   180
gtcttcgaag ctcgagactc ttttgaagcc aaaaatggat ctctcaccat ttccagcgcc   240
gaccgctcta tctacgtggt agagaaaaag aagaagggcg gctggacaag tttagacgcc   300
atcctcctcc gcgacagttg tacttgtgca gcatgcgttg acacagcctc gggtcaaaag   360
accttgcca caacatctat accatcggat attgccattg acaagattcg ctcgacggaa   420
gaaggtatca gcatctcatt caagaatgac atgtacccag accacgagat ggtactgccc   480
tggctatcag tcgataaagc aatgggttac aaaagggtag agaagatgcc tgctccaagg   540
catgaacttg tgtatcccaa agacaaggcg gacgttttgg acaagggca ttatccagga   600
acgtgttcgc aaaatt   616

<210> 2226
<211> 591
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 2226
cgaggacact tctatgacat actcacctca taacgctgct accatagaaa tctacggtga   60
cataccatc cggtgctatt gcactacctc aagttcagtg ggacggtttc atgtctcagt   120
cagtcgctga gccaaggca cactccataa cctcaagcgc gtccggttca ttcgagtcac   180
agccttcctt taccagcgga gctgcaatgc agcccgttac caacaaccaa ctgccccta   240
ttaacgtca aaactgcaat ggtctggttc ccgctttaca gtcgatgatc aactcgttac   300
caaactctgc cgccgcgcca ccatcccctt gggtttcaga gtcctctaaa gctggttaca   360
aggctccaga agtgttgggt gacgangaac gcaacgccat cttggacaac attcgcaatg   420
cagacagcga ncatgccatt cccgaaggct tccgtcttcc gggccttgga tcattaaatc   480
gatactgtca acatacttcg ggctatccac caccatctac ctttcctaca ccngcctcat   540

ccacctacca aatctcnccc aactgttgct acatcctcat tattggtgcc t   591

<210> 2227
<211> 536
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 2227
catggattag aggctctcgc aatgatagga atgaaacacc ggcctccgct agtcgtcgac   60
gcagaacagg tgatgctccg gctgggcagg aacctgctca acagactgag cagactcagc   120
aaacagcaga agttactcag gcatcaaacg gtggtgttct ctcctccatg cggggcgctt   180
tacgatttgg tcgaaggcga caaccagaag agaatcctga agctgtaaca ccatcacaac   240
ttgaagcggc aaaccgcgca ccagccgcca cataaacatg tgtatcacat tttccattct   300
tacataacga cacgaatctt tttagcgatg gtttcccctc attccttcct ggcaaccaca   360
ctgctgggca caaccgtctg gaatcttgac attataaagg aattgatttt tgacgacacg   420
gcatttgatt tacaccgcat gatatacacg tggagcgaca gtaggtttat nagtgggaga   480
aaagtgagga cgtataacgc tcgatgagct atatataccc cctgatgacg atggtg   536

<210> 2228
<211> 409
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 2228
ggtgtgggat actcccgcgt cttttgtcgc cccgcgctca atacgcatac tcatcgacat   60
cgaaacctgc atcgcttttt tttactgcta ccccggtcac ggtcatcgtc tttttctaga   120
tcgtcgattt cccattcacc tgacccatta tcggtccatc ccatttccat ccccagcaac   180
ccatccaatn caacaactag attggctttt tgnactttac tttatctcgc accggtcgcc   240
aggaccagca aacaggcctg actttgacga tcttgaacga ntaccgtttg ngccccgcca   300
ccatccatna tntatacnta atttttggat tcngtccccg tttggnagtt aggaaactcn   360
cacctttant tttaccttaa aaanaaaatt ttttggtnaa naaaccaaa   409

<210> 2229
<211> 302
<212> DNA
<213> Fusarium venenatum

<400> 2229
attgtcagat gtctgtcaca ccaagaacct tcagttaaga tatcatctat aggcttgaca   60
agctcctact tggcagactt tgcccagcaa gctggtgatg taaccgttgg cgagctggta   120
gagggtagcc atggtctgac gctcgatttg ccaaaggtgc agaacctggt tagactcgtt   180
ctgggtgtcc tggcaacgag agacattgat gagaagctag gagcggaagc tgtccaggtt   240
cttgctttct tggctcctcg tctccccgag ggtgacggag aagatgagga agaagaggag   300
ga   302

<210> 2230
<211> 561
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

<400> 2230
cgctctcaac cccgcggccc gggcagcttc aatccgttat caagctcgtc tgcccagcct   60
tcgcagcttt caacaaaatc ctcgagacct gctctacgcc gagtcgaaac ctcagacgac   120
gaagacgaga cccccccgacc atccataaca atacccaagt cgcgacaacc ttcacaactg   180
cagccctcgt cacccgcgac accgatatac tcacagttca cgacacacgg aaactcaagt   240
actgcaagca taggtcatca canctttcg agaccagcga acgcaaggtc cgttactcaa   300
gggtcgccgg cgacactggt caagggccat gcgcgcaaac attcagctac acaaggcttc   360
tttgaaccta ccctaccgnc atgagcactt cgaatctatt tcacatctcg gaatgtctca   420
acaaaaattc atctaccact ttcatgtccg cggggcggc tgctgctgtg gctgcctctg   480
cctttaatgt tacttggccg cnancaaatg gngggcangc gggtgtatgt tcattaaaac   540
attacgccag cgcttggana agtccttct tgngatctaa c   581

<210> 2231
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 2231
tttcgtttca ttgatcccat tccatttcat ccgctgtata tgatttcata aattcgtaca   60
accaaagttg tcccatcatg aactaaaaaa gcccatcact tgcaccaata acaacatgtc   120
tgtagttgca agaggtatcc attatccagc acacggttat ccttctcaaa aatgaccttg   180
aacaagtacg ccaacaaaca aagcagactt aacggagata gcctcgggga gggcggctat   240
cgtaaaacgt ctcgcgctcc gtcacctcat cccagcgaag atggctgtgt cggctacggt   300
cgcgctcata atcaaactgg tattctctct catattcaag ctctcgtgcg cgctgctttc   360
gaaaccgtcg gatctcgtct gaaatgtcaa ccaggcggaa aacatcatca tatttganat   420
aatccatgat atattaaaat ccctggtccc tcatattcgt atccagaact ctcaatancc   480
tccccgaaaa caagtcctta atgatctcng ccacatatcc ctgggtggtg gaagaacagg   540
tcaaaaaacn atcaaatctc tcatgttnaa ttccacct   578

<210> 2232
<211> 824
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(824)
<223> n = A,T,C or G

<400> 2232
caaatgtctc ttctcggatg caccgcggct ctccagctta tggaagagct ctacgagcaa   60
aaggctgccg ccgagacttt caactcttct cttgaacgtc tgtctggtgg tcttcgtcta   120
tggatgggtg gccgctcctg gcgagaagtg ccggcgttcc tcggaggtgc ngagagaagg   180
ttgtaaaccg gtgcctgacc atcaccaaga gcatggtggg aatggattca gacactggat   240
aggaagcct tgacgaatgc gaagacgacg gatgttagac gacaagcagc gatctctttt   300
ttgtattatt attattatct catttgtgag cgacacacac ctggcggcat ctttcatcaa   360
ctcgatttgc atcatctcaa gaggttgaat ctaccgtctc tgacttcttg tgagatgact   420
ttctgtatga acatgggtac ttgttttct tagaaggggc tgaaatcccg ggttgctact   480
atcatggagt tatacttggt atcgggtaaa aggaaggtca aacaaaatac aggcaaaaga   540
cagatagttc aagggcacct ttgttaaaang acacagcgac ccaagttgng gcatagtgat   600

```
ttggcatcaa agaaatttct tatcatattc aatcctttac cctaaaatcc ccggaaataa      660
aaccaaaaaa cccgtcaaaa atggcnaggc ttgngagcgt tcntccncgg gggacttcca      720
aggtttccgg accggcggtt ttcaacaagg agtttgagtt nttccnctac cattaacctg      780
gganaatacc gggaacgncc ccaacgccaa gcgagggttt ccct                       824


<210> 2233
<211> 592
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = A,T,C or G

<400> 2233
gccaagtaat ctccttctca gagaatgggt tggcgaaaag ttccgcaatc cagacagtga       60
cacccgatagc gataccagtt tggacagcct cgagccagcc gctgcgctcg ttcttgggct      120
gcttaccacc cttctgctgt tgttgcttcg acttgttggc cccatccttg ccatcctgtg      180
acgtggcttc ctggtccatg cggaaagatg agaattgacc attctggccc tggttctcct      240
ctagatcgat gattcgttca gtgacctggt acacgcagcg catcaatcgt cctttgtcta      300
gaattgagag gttgccgttc tgtcgtaact tttggaggag atcgcgggtc tcggatggtg      360
cgccaacaat ctggagcttc tcaaggatat ctttcgccac tggcttttga gcctctggaa      420
cctagatgtg aattcttcga gatgggcgaa ttcctctttg cttaannaat ccaaccctcc      480
ngcagaagtg gcggcttcgg tgcctcanat ttgcctcctc gantccatca tctccttctt      540
ttgaattagg ggcttactgc catgttcgtt actctgtctg ggtttgaccg gg              592


<210> 2234
<211> 601
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

<400> 2234
cttctccaca acttaatcca tcattacata aattcactag caaacaagct ccactcatct       60
acaagcatca ccgcagtcca taagaattcc atcaagaatc atcacagttc atcatgtcag      120
aacccctcag cgtcgccgcc atcctcggtg gcatggcaga agcgcttccc acacattctc      180
ccaacgacga atcatctgat ctcgcatcct cttatgaagt tatcgctctg ctcattcact      240
cctatctctc cgctcttggc ttcaagatcc agggctttga cgaggacgaa aagctagctg      300
aatgcgactc actcgcccct cgcctgccat cacaatggaa ctcgggcttc aaatcctaca      360
gctttgtgta ttcgcacaag cagtcagcca tgacctttag cattcgcgtg gatcgcatgg      420
gcaagaaggt tgaggttcgc ggactggctg tggganacga taacattcgt cgtttcgaac      480
gatcaatcag tgaagttgng gactctaaga agctcctatt cgcatcacca tcaaggacaa      540
ccaaaaagac cgaagtgacc ttggtgaaaa gctccgcgct gngttcacat ctganaaagc      600
t                                                                      601


<210> 2235
<211> 558
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G
```

<400> 2235

```
gcttttgtcg cctgacgact ggtcgtctcg catcatttgc attagggcta cattgaccat      60
cgacttggaa ctcgactgga gccttttgat cgaccgccaa cctacggtac tcaacgtctt     120
agcgttacgg ctgacttgac gttcgccgct tcgaccacct ctgtttggac aagaaagacc     180
tacctcgagt gttcaagact gcacactgcg aatcgagtat cgcattgatt tctttggcgc     240
agattgtctt tgtctaacgc aacattttct atcacttcga accccacgat cttgaccttt     300
ccgcgggtcc tctgttctgc gaccgcactg atttatccgt cagtcttact gaagccccgc     360
gagaactttg ctgcacgccc atcttccggc ggttgcgcgg ccgtgtgcgc canatccaca     420
actgtcgctt gactctgtct tgaaagnatg tcngcgacgg agttatgtca caactctctc     480
agtgactctc ctcagcagcc gcanctcttc ccgaacctaa tcaccccgct gcaccttaat     540
cacatctccg tcatccgc                                                   558
```

<210> 2236
<211> 536
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 2236

```
cggcacttga atcgcagctc tcacgtctcc agcagagcga ggaccagcag gcagtcagcc      60
cggatattga ggccctgact gtcgaggagc ttcgcttgaa gtacacaaag ctgcagcagg     120
gatttcgatt cgatcaacat gggagttgcc cgccattgaa aaggcgttca agaagatgaa     180
ggaacttgct catangaagc aatggacttc agcgctacag aagancgcat ctcgatcttg     240
attgcggaga agacaaggcc gatcaaaaat acttcgctgc ccgaaaggat gcggatacnc     300
gaaacaacga gatcagatca ttgcgcccca gaacagcnag actcggaaat cattgcccac     360
tcaaggatct cgaatcacaa aatcccactt ctgggcatct anaaaaacag ttgccgatct     420
gaagccatca aacgctctct gatgaccgag aaccagaaat ggagcnacaa tcttgatctg     480
tcgccgtncc aattcctgaa caaccantta cgatcttcaa atttggtcaa ntccaa        536
```

<210> 2237
<211> 763
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 2237

```
cctcaactca agtcttgaac aaaacaacaa gaaaagatcg tcaacgctca tcacggaccc      60
ctagctttct atcccccat acacacattc ccggtcgcca cagcttctat tatacggcac     120
ttgcaaaaaa cctgtatcac gtcgatcaca accgatacca ggaaaaaacc atgactcggt     180
ctactttcac aacaatcaca cccttgcctt caaacttaac tcgccagcaa gtggtcgact     240
ttctacacga tcatttagca atgattgact tgaatcctct catcatagaa cgccaccaaa     300
tctctcctcc ctcacacgcc ccggatgatg agaagagatg tgtatggtat tccatgacgg     360
atcgcattga ctacttcct ggtggtatcg cctccggtca ggtcacatac acggctgcct     420
tctttgacte ttggatggt ctccagacac acagttacgc tcccatgggg cttgatctcc     480
gtggccgctg gtctgtgggc ggaactatgc ccggagagcg tccgcaacct gttgagcttg     540
gtcctggggc aacggcttcg ggtctttatc tccgcgaaga tgtttgacat gcgctgtaac     600
atgctcatgg tatccttgt taaagaagac tattaaaaag tctcatggaa ctctggtcga     660
aaaagttgtc gcaaanaact ttcctnaagt ctgcaaaaac actntatgca aaactttggg     720
acnaactccc ccgggagctt tttnaaacac ccccccttcc agc                       763
```

<210> 2238
<211> 314
```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(314)
<223> n = A,T,C or G

<400> 2238
cgatgagggt ttcggaaagg aggaccccac acgatacaaa ctgattgttg ttgacgagaa      60
cgagaaggcc aaggagcaac ctctctcctc aattgaggtt cctacttaca aggccttcta     120
ttcccagctc gccaaggcca ttgagactgg aaaggaagag gatgtacctg tcaaggctag     180
cgaggcccga gatgttttgc agatcattga gggtgttttc gaaagtgcta agactggcaa     240
ggacgttctt tttgctttga agcctttagg gcacttaaga tataatgaat ttaatgaaca     300
ataaaaagaa aaan                                                       314

<210> 2239
<211> 690
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(690)
<223> n = A,T,C or G

<400> 2239
gtcgatatga caaaacttga tgtttcctgc catcagcttg tctgtggtcg tcatcgtaag      60
aacatcaagc tcatcgaatc ttctactgga actgccatct acttcccacc tccgttctct     120
gctatgtacc gttactgtcc tccaaatgcg acccgtcgcg atcccagcga tattttcatc     180
accggtgaaa cccctcaggc catcgaactc gccaagcaaa aacttcacga gactgttcaa     240
cgcatcaggc tttacgttaa ggacgtaact atccctgctg ctaagattga cagtattctc     300
cttggtcgcc tggataaggt tcgcaaaatc ctggaagcta atggtacttt tatcctgttt     360
ccttccttgg ccacccagcg caacatggtt cgtgtccaag gtagcgaggg ccttcatgtc     420
gagcgaaccg tgcggganat catgtcgctg gctgggcaat tctacagtgg gggctggtac     480
atacagcatg caaatgctag gcagtttcct ggtcctcgtg acatgcggag catgctcgtt     540
gatatatgtg ctaactctga cgccgacatt ttgttcgata nggcttaact tttgccatca     600
ctgggtttga agacncaana aaatcccctc tccaagtttt ttcaaaaaag aaatttgtat     660
cgcagnccaa caccaaattt gtgtnaagat                                       690

<210> 2240
<211> 964
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(964)
<223> n = A,T,C or G

<400> 2240
ngtccggatn accattaccg agttacatct acttatagta cctacctatc tcttggtgct      60
gttagactac ggccccccct tgccaagtca agcccttgga aaagaacctt tcgtaccttt     120
cttttccttc cctctcctct cctcacgtct cctctcctca cgtctcccct cctcacgtct     180
cccctcatct cctcttcctt cctcacaatg atgcgtgttc ctcgacaagc attttccact     240
gcggccgta ttacccaa tattgttcct catcttcgtc cccagaagag aatgtctttt        300
ggaagattgg ccaagcccgt cgcggctatt gtagctgttg gctacggggc aaagctctct     360
cttgacatgg tggcgaaacg acgcattgct cagatggaag ccacagagcg cgagaatgcc     420
gcctaccgag agcgaaatga agccttgatg aacatgtatg gcgatcgatc aagcctcgac     480
gagctcgaaa aggctgtgca attttacgaa aaacgataaa tgagatccac gtcaaaacga     540

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```
aaagaaagaa agaaacacaa accaagccga gccgagccga gtaacccttg tcctacactt        600
ccttcgtttt tatacatctg aagcgacggc gatcactcac tcccatggga atggaatata        660
tcggggttta ttggcacgga taccaccacg atctgaaccc tcgaaattgc atggaacagc        720
gttaaaagga ataccatttg tttgccatgt tgcttgaaag aaacccgatt atccgacttg        780
ttgatttaac cccaacattt actctgcctg ggcgtnttat nattcaacga aacaacatcg        840
acaatgaagt gtctacgaag tcgatcgatc ccctgtgtcg aataacacct ggtctggtct        900
ggtctggtct ggtcttcttg atgaatggtg cccggtgtag tgaatttaat agattattac        960
actg                                                                     964


<210> 2241
<211> 531
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G


<400> 2241
agacgatcct tctccattgg tcttggtaag aagcgcagtg gcagtgttca aggctcaggc         60
gacaagcaga accgtcgatt ttctttggcc aaggctatgg gtctaggtag aaacgaggga        120
agcgtgacgg ggtctgaagc ggattcacag caggatctgc ccattcagca tccccgaact        180
gagcaactcc gcggctacag cgctcacgat gagcccgac acagcgagcc ctatttcgat         240
gcaccctacg aacaataccc ccaacgtgat acagcacaat ccagccctgt gtacaataca        300
cgatatggat ctcagcaacc agatggccga agacctaatg ccgtacccac ttatatgcag        360
ggaggtagcc atttaaatac tggttcagat tcatcagtgg acatgcgacg accgnacgac        420
tcacgatctt gccgtaccaa gaagactttc cggtcttgaa gatccatggt cgccagttng        480
aatagccgcg aggccgtctg nntgcttaca aantacaaga agtcgcggtt c                 531


<210> 2242
<211> 295
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G


<400> 2242
nctgggcttg ctccnggatt ngaaaagggg ggaaactcca acggcatgcc cgcganaatg         60
aaccgacgag gtcatcactt accaagctag tttgggggc atgggaaana ggattcggcc         120
tggccatcca aggaggcctg aacgggggat ggttgaggag gaggtgccaa cnaaggacgc        180
tnggcatttt atgtttcatc aaagcnaaat ggacnaaaan acttgttaaa cgtggaatgg        240
accccgttan ggngttccct tgaagcnggg ttggcaactt attntttgtt ttttn           295


<210> 2243
<211> 576
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G


<400> 2243
gaaccaccaa agccaacatc accaccacct gactttccat cttcgcctgc acgaagcaca         50
agtcggcgct gcaccaaaca agtaccgagt gcgcatagtc ttcccgtctt cgatctctgg        120
```

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```
cctgcaacaa tggnctctct tatgctcagc gtcttcgttg tcgaagttat cgtcnaccta    180
ntcaacacat tggagccccg cgatcaataa cctgctctgg acattgatca acttctccca    240
tctcgacntc aaagggtgcc ggcgaaacag cgcaagcttc aggccgatta cctcaaggtc    300
cgacnanacc taaatggcac gagctcccag gatgaatttg ccaggtgggc aaagctgcgt    360
cgccagcacg ataagcttct cgatcnacta gagaagacca agaaaaccac cgaggctgca    420
cgatccaact ttganagant cctcaccgtc gtccgtatcg tcgttactcg cgcgccgcaa    480
tacttcctac ccttttggta cgccactgan cctatgttct ggctgcctca cngntggttt    540
ccttactggg gggaatggat ctgtctttcc ctcgtg                              576
```

<210> 2244
<211> 125
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 2244
```
ncaaanaaca cgatnntctt gttcntcncg cgtgggtcaa aanggtgttt gantatngac     60
tgagaccaac aaacctggtg tgtcgtatga gtnaaaacna ttnacatgtt tgctnctaac    120
ttntg                                                                125
```

<210> 2245
<211> 384
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 2245
```
ctcgagtatt cgacgacttt gtcgagtatt gtttgttacg cgaacgctct tttgtctcac     60
ttgcgcgctc tgcgctgatt gatanctgcg ctttgttcgt gagcctcttt tgacgtcgtt    120
atcgcagccg ttgcacaacg cgatccgcgt ctacgcatac agctccatca cccgaccaan    180
gtgatacaac agccactccg ggaacgagcc ataccaatga acaaacgatc ttcggggagc    240
atttccgagg ctcctgggca ngctgttcct cgaccctccc tcaggcatt cctccgncca    300
gactcctcaa tctcaaggct cggcattgcc acangccaag ccctgcctat caccagtgca    360
gacacaaatg gcacccaaag acca                                           384
```

<210> 2246
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 2246
```
tttccatcca tctaatcact tctcccattg attgaattct tgctggatcc gccatctata     60
tagcattgtt gctgccgagg gcaccnggat gcccgagccc gtgcagagac aagacgagcc    120
acacaccacc gatacntacc gatatctcgc ccgccgttcc gctccgacct ccgatctgtg    130
tctaattgtc tctgcactca actattcggt gccccaagtc tgaatggacc ctgcggctgt    240
ccgcgaaagg ccgtgtttcg accgcgcctc taaataaagc tctaactttg gtcatacaaa    300
acatccacat acggacctcg caaaccgata ctcgctcggt gctcggtctg agcctcaatc    360
```

```
actctntttc cggggagcgg gaggaagcaa tgactactgg agcaaattgg gtcaccaaga    420
tgtacaggca tcaatacaat tgtatactgg tggtcanttc aactctgnat aagatgttac    480
cgcnttgagg acacccatgc gaacgacgtn tactggaagn gcgcgtctga ggcaaatncc    540
ttcaacgtta taacntccaa cgaatncgca gtttcangtt ttaactcncg ttn           593
```

<210> 2247
<211> 1025
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1025)
<223> n = A,T,C or G

<400> 2247
```
cccgatcctt tcataagtta cgctatcgct agcctttagt tcgatctcag aaaccataaa     60
tcctatccaa cttccaacct actaagcagt gcatntttct aaacctccaa ggctcccata    120
cattgttctt tgactttata tcataccaca ttaccacaac caacctactt cttgaaactt    180
ggctgtctca actcaaggat aaccttaacc agtatcatgc ctcaatctcc gtttcccttg    240
cctcctgtgt tatctcagta tgatcaagaa catgtcacag tcttgataga aactggatca    300
tactcttcaa cagaaacaca taacttatgc tctacgcaca caaccttgga actgtcacca    360
gttctgtcct tcggcttcag gtcccagaaa gtacctggaa ctcgctgtcc cacctgcgct    420
ctagcaggta aagaagtatg ggtgattcca ggccgtgcct gtggctattg cggaactccc    480
tgtgttgatt aagaatagca aaacagtcaa atgacttata taacatttct agctgatgcg    540
ctcagcaacc cggacgtgca aatttgttca acgtctgccg ccagtaccta caggacttga    600
agatcccaag tcagtcaaaa accatggagc ataataagag taaccgggtt ggcaaaactt    660
tgctcgttag aaggacgagc tacgccaaga tgaaaatggt gatggtcgca acagagcgtt    720
ggtaagctta caatatggag ttgacggctt catgcgatct gatggcacaa acaaacttat    780
ctctgcactc tcggtatttg agagtagacg acacaaaaag gtaatgngct cttttaccaa    840
tggatctatc gtcccgtgag aatccgccat gcgtctgcga ctcattgggt tcaaacntac    900
caaacacgag tcaagtcaat ttacaaagtc cgnggcttga gcttatatat gactgggagg    960
atnggggcgt ttgcccccgt ttactaaggg cgaaggttcc aacatgtttg ggggatgtan   1020
ttggn                                                               1025
```

<210> 2248
<211> 585
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G

<400> 2248
```
caatattcta cctatggaac tcagacattc tgcaccaacg agcctgccca ccctggcgag     60
caacccgact gcagaggcca ctcggacatg attcacgctt gttccgaggc actcaagtac    120
aagcacgcca aggatgtttg taccccatca gtgatgtcaa cgttcctcaa ccgcatcacc    180
atcacatggc cattctttgg tctggttgac ttttgggctc agtttgcctt ccttggtgtg    240
ttcctcgttg tcttcatcac agcccctttc ggcacaaccca agctcgacct ttctcaaatt    300
gatgaggaag ccgaggcaga tgaggaagaa agccttctcg cgtctactgg tagacgcttt    360
ggtgctacat ggcaggacgt cagaggaaag gttagctcan gaaatgactc tacgaataac    420
ggtaacggat cgcaatccgc tgcttgattg gtttcacgta taaaatagtc aagttttttca    480
gaatgatgga ngtattggtt aacgcaacaa cattgatggt ttggagttgg taattggcat    540
gtttgggtat ntgncttta cgccatgtttt gagaaagaat acttt                   585
```

<210> 2249
<211> 591
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 2249
atcagcaaca ccatcggtcg tatccgcgcc aactgaaccc cagactaatg gccagccgcg   60
agctgcggct cgtcgccgct tctccatgaa ccgttcatct gccacaactc gttccaactc   120
tcctccctca cccagcgata acggcctcga gatgaatctt acacaccgag aacgtgacgg   180
tgacaagtct gttcctagcc agggcgattt taaaaagaac cgcgcctcca ctggatttac   240
cttgcgcaac cgagccatca atttcgttgg tgcgaatcac aacggtcgag gaaatggcaa   300
taagcgccct gaatacaacc gccgagctag tagctatgac ggcagccgcc ctaatacacc   360
tcttccacca cccgcagaag gcgacgagac tatgtatcca cctgagcgga gtggttgggc   420
ctcttcctnc aaagtccgga actggtgcca aggctcgccg atgagtttga atcttcctga   480
aaaatttgc cgtggatgtg gctgagcttg caaaacgagt tcaaatccac gcaggttttg   540
gggtcggatg gaagcatntt gnaagggacc ggtcaaggta cactatgatg c   591

<210> 2250
<211> 441
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(441)
<223> n = A,T,C or G

<400> 2250
nngcatgacc accccataca agcagcacaa gcttgagttc ctacaccgag ggccaaaccc   60
accacccacg gacccaatnt gggacgagac cctgacgtgg gagtacgang acnacgagct   120
gntnttttg cgcatgctca ttaagagcga tgatagttgg gcncgaaacc ccatgtttgc   180
tgtggcagca ttgccactac tttatgttca gccaggctgg agttttattc gcatgctgga   240
tctcaagggc cntgagacac aatgnnccat cctngntaac tttgagatta ttgatgctna   300
gaaggcggnt tcttatgagt atacnaatta tctatggtnt tggcctttgg ngtttaanag   360
attntganct tgccnccgtc agaaaaanat ggaaacccc tggcnagngc acgtttggtt   420
gnaaaaantt cctgcggccg a   441

<210> 2251
<211> 631
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 2251
naagcatttg ccttgcttat aatgaggtgt tgcttccnaa tacacacgag gaggttgctc   60
cttcccatcg ctatgagcct gtagctgaac atgggctgtt gagaagattg aactggaagg   120
agctccttcc ttcatgaact acacgattaa gaccccatct cctttgtcct tgtccctccg   180
tctcccctcg ggctcatccc tgagcatctc cggtcgaaca aaacaatatc cctcatcgac   240
atcacctcgc atgatccaaa gcccccatgg cccattcca gtgggcgcct tgctcctaca   300
tttcangatg gcgtaaagag aagccccac gacatagcat cccgactcct gtcagccgag   360
ttgccgagga cctgtttcaa catcnacgc ttgatcaca aaccgatcag aagctcgaat   420
acgtcctgga gataatatta cggaccgatt cgacactggg ccaaggaang gcttggttca   480
accgtgaggg gatgctgcct aaggtgttgg agtcctgccg aacgtgatga ctgactgggt   540
gtgatgatga tgtanttacc aagaatttgt gagtaccacg gcagaagatg atganatgct   600

tgatcaagta cgantgcttc nacanataca a   631

<210> 2252
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 2252
ccgncttcaa agagcatcac tggaggcagg gctgcggctg gcatcgatga ccaacccacc   60
tcctcatcgc tacgctcaag tcttcggctt ctgtttactt ttcgagccca aagagtcaat   120
aattaatcgt atgtccacca cgttgtctag gattagccag gaatcgctct ttgtgtggag   180
gtatcctttc acaaaccttg gcggngctgg cacattcttt cctgatggtg aaggtgctgg   240
tggctattng gcagcaggtc ctgacggtcc aggctgcatt tggtaacca gggttttggtt   300
cagtctatga agccccaaaa gatgactggt ttttcaatgg ggcccgtttg gcccggatnt   360
anaaactacg aagaaannct attgactaac ncatccnaat gatgttaang gattttgagg   420
gaattttcg ccnttatnag gctganacgt tttacnccaa a   461

<210> 2253
<211> 603
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

<400> 2253
tttttttttt ttttattttc aatatatatc ttgtttagaa accatctatc cttgttccta   60
tactcttttc gcttgcgacc ccgatcagat gtgtccccac caccaaatcc atcagtccta   120
gcccgacact cttgtacact acggtgccgt ctcgtaacca ctgacaaaga tgatcttcag   180
acttcctctt ttctttgtcc aaagagctgc tggagctctt tctcgagtgg aagaacgagc   240
tggacctcct cccttcggag tcaacagagc ccgtagggct tgttggcgtt tcgctagtat   300
tacttccact accatagacg gntgacatag agctcctgcc gngtacatcc atcttatcca   360
tgtctgaagt caaagacgtc tggctgntgg taaatccatc agactcttnt atagccagac   420
gatgaagcat caccagttct cctagctcga ccatctgatg agggccaata ttagccgcta   480
tgatttcccc cgcatctttg agtactcctc tgatattatc aacaacgatt actccgcctt   540
caatggcatt gcttatggaa atggcgatgn gggcttggcc gccctnttgg ctgccaagtg   600
tnt   603

<210> 2254
<211> 365
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 2254
gctcactgga ttgggtcctc grntcgtcat gacntgcggt cttgtggggg ctcaattcgt   60
catgtacgcg caatgcaagg cgntgacagg agctccacct gntattgaga ttcacaaaga   120
agagtcactg ngagatgtna tgtaacgact aaaaagtaaa tatcnatntg gaaacggngt   180
tgaggtgata gacaggagga tataagatct ttaaagcgag ttccggtatt agattaattg   240

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```
aaacttnata ttntgctacn aaaaatggct ntgcattnga cccaaatgca aaaggttctt      300
taaagagaat cgnatganga ataataattt cntgcggccg ntcgagcatg cntttaangg      360
gccca                                                                 365


<210> 2255
<211> 148
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 2255
ncttaaaaaa ctttgncgta atntggaaaa agncccccac tttnattntt ctaagnqctt       60
ggccttcttt ggacntgnga ctatngggqn ggantqttta aaaaanantt ctttttacag      120
cctgttagag gggtatccat nccntttt                                         148


<210> 2256
<211> 568
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 2256
ggaattcaga cccctttcac aacttgacat tgatttaagg aaggcggctg aatttacaac       60
aaccaagagt ttattctcta ccacgcgaaa acgaaaaaca atcacacaac tcctactgac      120
ctgatcgacc accttataga ctgctcacga cagcccctgt tctcgacaac tcattcccct      180
actccgacaa cctcataccc gccatgtccg aagcctacga acgagagcgc cagaacaatg      240
cgcgcctcga cgaactctcc gccaaagtct ctgtctccgt ggggtgacag tcgacattta      300
cgataacgcc cgagcccaag atgtcattga caacacctcc gatactttct cctctatgac      360
cacacagatg aagggctctg ccggcggttg gactcgtatg ggccgcattt ggtaaccggg      420
ttgcgatcct caagtggcag gaatcgnaat tggcatctct tagtgctggt ctacngngca      480
aaactgattt tntaaaattg ggagcgcagc gtctgntaat ttgggaangc atatgattag      540
agcggaatgg gtgcctgcat ttttcttt                                         568


<210> 2257
<211> 223
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 2257
ntgaagctgt tcacatcang gttcataatt gccacggana cacccnctnc caatacantc       60
aggntgtccg anncattctg ttacttcatn tgggccaaat ttactgnctg taatntcatg      120
gaggcnnttg gataacatgc caggacgatg gctaacactg ntcaaagctg acactaatcc      180
ccntnacaac tactgggctt aaaacngatn attcattgca acg                        223


<210> 2258
<211> 568
<212> DNA
```

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 2258
atgctatact agtagaaaga cgccgcgcct actccagatg ccgatgaaag tagcccaaga   60
cnagcctgca aagcccactc gccgtggccg tgccagacct gctgtcaagt atgangnagg   120
ccgatcccaa cgaaattcgt cgacgacgaa gccncaggga agaaggaaga agaaagatga   180
agcccgaagg aagaaggang ttgaaggaaa gcggaagaaa gagaatgagg agaagccncc   240
agtccgtcgg catattgtta ctctcaaact ccccagtggc tactttgctg agttcacgcc   300
tgagatggaa attgtcgaca atggtgattc ccgtccaact accgcctgct ctgangaatc   360
ttctcaaact gccgagtcgt cttactcctt ccggcctaaa cggcagaaga atttccgcga   420
caaccctgat ggangtgaag actcaagcca agcgccgccc atgaaganan tcaaacgaac   480
aagcggcggt acngctgtca ccgaaactcc atctgctgca tccncacctg cccatctact   540
gagccggcca agtcctcagc aaccgcaa   568

<210> 2259
<211> 647
<212> DNA
<213> Fusarium venenatum

<400> 2259
tggaattttt ttttttttat tttcaaagta aaaatcgcga aagcgtcata tgtgaactat   60
gggtggttgc taaacttcag cccactcttg tccttctttc tacactgggc gtgaggtgag   120
aactgactga tccaacccag aactctcgcc acccattccc tacaacatgt gcttgcacat   180
gtaaccagct ttaaatacgt tcaaacatgt cgatttaagg atatccttcc ttgccccact   240
tgttgtactt gtcgtgaagc tcggcaggaa gggtgacgtt gggaacaacg acaacgttga   300
gggcgctggg agcgtccttg ggagcctggt tggggtcacc accggggtgg tactggtact   360
tgccagagct gccgctctcc cagggatggc tggcaatggt gacgggagac tcggaggtag   420
cgccagtggg cgatcggcca aagtagaagc cagcaccgcc aagagcagca accataacac   480
caccgagaat cagaatctcg gggttgcgct gggactcctt cttgagctca ttcttctggt   540
gctcctggaa acggcgagca gtggtggaga ggaaacgacg agagacgatg cgagaggcca   600
ttgtgacgac gggctttgc ggctgtggtt ggagaatggg tttctac   647

<210> 2260
<211> 213
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 2260
nttggtgccg acantnagga gttgatgcnc aacacngccg aggttggacg aattatcnga   60
tattgagacg gcagaagacc tgtaggagat tcctgacaag ctcaagtcgg aataggnaaa   120
cgaaacagat gaggagagaa atacggtgga gcagcaaaaa ccatatatca tgacatacat   180
aaaagcgtgn ggttgnataa gnctgcatac tca   213

<210> 2261
<211> 601
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

<222> (1)...(601)
<223> n = A,T,C or G

<400> 2261
cttgagcaat catcaacttt ctcttcctct tcccttttgc cccatctctg tcataatctc   60
ttcctctccc tcccgatcct caattccaac ttcattgtcg cagcccactt gagcttgtgt   120
gcagtgaatt gattcaaaaa aggaatacgc cgacactcgc cagctcattc catcttaccc   180
tttctccgtt cctcatcaaa tcttcataat tcgaaatgtc tgcaagtcga ttctcgaggc   240
cgacggnaag gccatcctna actaccatct cacccgcgcc cccgttatca aggncagcct   300
tttctgcgct acactnaaac cccccaagca actcgctcnt gcacttcctg aanatccaac   360
gtgccgatat ctgaacaagc tgaggcacct accttgggtt ctcagcccga cccaagttcg   420
tcgntaaccc gatcagtnat nagcgacgag gaaanagcgg ctttggccct aanaatctgg   480
ctgagntaag gntgggttnt gaccaacccg naagacacan gtgacatacc atggngtttg   540
aggaattctt gggagccttt ggccccatcc canaatgngt ctnttaacat cactcngccg   600
g   601

<210> 2262
<211> 608
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 2262
gtcgcattca atacaagttg ttgctcatca agcgcattcc ctgcagatct ttaaaaacag   60
caattgaaca tacaataatt ctacacagtc gtcagatagg ccagcgacgc ctctgagccc   120
accaaaatgc acgaaatctt tcttacagcc ctcatcgagg acaaagactt cgccggagca   180
tgttccgtcc tgggcggcct cactaacatg gacccctggg agtccatcca acgagttcta   240
tacttccaag gaccaccgcg accaatgggc atcttcaacc agagctcgat taagaaacct   300
ataagccctc ccaacacggg ctttctgtgg aaagagcttc atcagaactt gacgcggcag   360
tcctttatcc tcagacacgc tacgatgtgc tcaaggatcg cgacatggga cctaatgcgc   420
cggcgatgga ccttgatgcn acacanggaa tcttgaagtg gactgacttt ccggatccgc   480
cggggggggca acctttgctt accagggaa caagggtgag ctttgggagc aaaaaatgtt   540
gctttaatta tgcgcgaaaa ccaccacccg ttcaaaantg aaactnttgg gggaaatgtc   600
ccgctttt   608

<210> 2263
<211> 575
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 2263
agcgactgat cacgaanaga gcgtttgtc aagtgaacag tctgtccttt acatcctctt   60
ggagtgaacc cttcgtcat tgccattgcc atcactgcct gactcatcac ctttgacaag   120
gcaacgacaa tcaagcctag tccctgactc acacttactt gatcgagtct tgtgattctc   180
gtggtggaac gtcgctgcct gcactttatg caactctaat actaacggcc atccccataa   240
tatctcatct gttcccactg gatatctgat attggagaac atcatcaaca acatccacaa   300
ctgcctcttt cacacatcac acaacaccca cccnaaatgg actaccaaca aagcttgcct   360
atcgataagt ttcaaacatc gcagcacgag tctctcatgt cnattccagg ggaanagcttc   420
acatcgctgt tcgacgtcac accccagtgc cacttcacaa tgaacccat ggagatgata   480
accctnagtc ttccagacaa caaatccttc atccttcct cagatcagcc agaagaagaa   540
atgtntacgc catcatcatc tcctgcccct gagaa   575

<210> 2264
<211> 436
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(436)
<223> n = A,T,C or G

<400> 2264
caaccaggac cccctcctgc aggacctcct ccgatggctg gtcccccgat ggacccccct   60
cctcagcaat ccgtgtatga ctatgaggaa actgttattc gagacgtttc gccatcccga   120
accatgactt caatgtcgag ctacgactct tatacagggg atagttatca tcaccaccac   180
cagcctggaa gaagcttgtc gttcgaactc gctcaaaatc ccgaacccga naaactttcn   240
aagggagatt aagggatttg nagcgtgagc ttgccaccga cctngagcc gttccaccgc   300
ggcgaacctc gttcgcgctt aagcgcttgc ccgatggca attggtcatt aagggnaaga   360
acgtggttga aaaaggaagt ttgcacccga aaacttcttg gattgaaaaa ggacaagaaa   420
aggtcttccc taaact   436

<210> 2265
<211> 153
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 2265
ngggcgcnga gtacaaccac agtgaacaac tctggatttg naatctcgag gangatccgc   60
ttgtntacga taaccatgaa atggttcgct tctaggttat cgatgangag tggcacganc   120
aagccccaca ggaccaaccc aaccagagga ttc   153

<210> 2266
<211> 918
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(918)
<223> n = A,T,C or G

<400> 2266
atcatttcct ctgttttggc tagaggcggg ctgatcctac actgtctcgt catcgaggtt   60
gtgttccagc tcaaatggcg gcaacctcct ttgcgactgc tcaaccactc atcaacgact   120
ntttgtattg tgaccatcac acttacgtca atggccgtgg tgatctaaaa tctaagccac   180
gttcacttgc ctntttgcgt agtaacggac acttcttacc tcgactaaca gattctcaaa   240
ggcatcacta cgtacaagcc tcagtcgatg cacctnacc tcctagagct agcagtcagc   300
aggcgaagca aagactcaag ctttgcgggg tagatcgtcc cagtgatact ttcatgggca   360
gtatataaac acccaatcat cgaactcctt gtcatcaact ttcccagata cctacatacc   420
aacaacttca aactactcga tacccctac catataccc tttaccaaaa acctacagct   430
tgattaaacc ggcatcagat ccaaaccaaa gaacaatgga aggacaaccc atcaacaacc   540
aagtaactac cacacagct ntgaacgaaa ccccgtgg ggctctcatc tnaanaccga   600
cggcaagtga tgctggatac caccgaagaa tgagtgatga gtgggatgcc tcaaaggtcc   660
ctcccagtcg tttccagaag cgcangggat ccatntatgc tacgcccggt tctcgtgacg   720
gccacgttga caggaattac gcanacaagt attggagcaa gatgaccgan aagaattggg   780

```
gtagtaaata aactccaacc attgcaacaa ataaatttcg gacggnggtc ctttgtaaga       840
agacagagaa acgggaacta agggaataat tcgtcgnggg taaacgagct acatatatga       900
cttggcgcaa ttgaattc                                                     918
```

<210> 2267
<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 2267
```
aggtggaaag aagaacttct tataggaacc catgaaagac cgcgactgca attccatggg        60
cgggcgcgac tccgggccaa cagaattctg tcggtttgcc aagtcctcag agtcaagcaa       120
gtccacuggc aatgccaaac caacagacac cccggcgagc agcaccacag agaccgccag       180
gtattgcacc gttcaccaaa cactcaccct actttcgacc cagacagacc aacattaccg       240
ttatcgatga tatgccggca gctttcagct cgttggatga ngcccatggc tactggactt       300
tactacagan gtttatggtt cagtacattc ctcttctgac tgcgacaacg gcgcagctcg       360
ctttgccaaa ggtcaaagac agggatgaac ttttagccaa gttgtccagt gtgcgacaaa       420
cccacgaatc gccaaattct tggaggattc aagatcatgg ctccatcgat ggtcaacctc       480
gtttagccct ttgctccaat ctgtgtcgga taatcgacag ancgactcac agtcttacct       540
aaacgccatc aatttgcaca ttgagttcct catcctctat gttt                       584
```

<210> 2268
<211> 507
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 2268
```
ggnaccgaca ctgtctctat tgttggaatt gaggattatg cgcgcgccgt tatcaactcg        60
ctgccgagta caacaggtca ggacattaag tgccagccag ctgttggacg ggatctaacg       120
gactgccaat acgactcttc ctctctgact cccaacttgt ataaggacaa gtcacccaag       180
cagctagtct cgatcgagac ggttcacggc agcgatgaat ngaaagcacg aattcgaatc       240
gacgcggtag attctagact ttgctacgtt cgcacatctc gacccgttta cggatttgct       300
gttgatggcg cgagtgcgcg agatcctcgt tttggaaaat ttccttcgga gggtttnagt       360
agcgttcaac tctggcgacg tgatcgcgat cgaccctgga ccttgaattc tactttgaat       420
gagcgtaatg cattgggccg nggcagaatt aagaacngag aaaaaaacga ggtgcttgga       480
gacnagnact gaaggctnna agaggta                                           507
```

<210> 2269
<211> 454
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 2269
```
gacgctcttc agcctcatcc gcaaggccgg gtggactggc agccggggcc actggaagga        60
cttggatctc aaggttacgc gttaccaggg caagaagact actctggagt atgatgacta       120
```

```
caagaagtgg cgggacactg ttgaggcgtg agctggcggt ttaacagatg ctgcttccan      180
acatagaggc cctggcgttt acggtgacac aagggtaaat ctcttgatga tgacgatgat      240
tttttttttct acttctcttc tcttttattc tacatttaca aggtagagtt gggtttgtca      300
acaccctcat ctaacagtca gctacagaca ataaatctca ttcatggtta acctgaactn      360
aaaaaaaaaa aanaaaaaat tcctgcggcc gngaattctt cnngtaacga cttctnttga      420
tgactnctta ccatttcctt tgtcaagcgt ngat                                   454
```

<210> 2270
<211> 112
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 2270

```
ntnctgatgc atcnactggt caaggccnga cggccaaggt cgcancgant ccacctnccc       60
ctgcgggtgc atggangnca tcccattgng aanacatggg nanaacttac gt              112
```

<210> 2271
<211> 529
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(529)
<223> n = A,T,C or G

<400> 2271

```
cgaaatatcc agtgatgcag tcaactctgt gtcttccggt tccgtctcga aancctctta       60
cgaatttctt cggtgtcagt ccaagaaggg ctttcgcgtg cgcaaaccat ggccgagaac      120
acaataacta cttcagctat acgctgtcac gctcgatcgt tgaatactgc gatacggaaa      180
caacctttag cattgactac ggcatgcgaa aagacaagtc acaactttgg gagccgtcgc      240
tcttcgacag agacctgtta cccgaaagct ccacatcgaa accaaccttt gacatcacaa      300
aactatttca gtacgagccg aaatgcgcgc ggtttctgga gtggacggaa gtcganctcg      360
agttatatgc caacctggaa cagccttttc aagttggcag ggaagaaaga taacaagntc      420
tgaagccaga caactaccga atcatgacaa tttagtgaca ctcgtctatt tcacaatcgg      480
cgaacacttg cagccaaggc gnatctgagc tcactacccg cacggaatt                   529
```

<210> 2272
<211> 559
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

<400> 2272

```
gtcgaggaag agcgaattca gcaaagcacc caaggttccg agattgagga tggccaggtt       60
ttgagcggcc acactgccac caacaataca accaacaccg atcagaatgg cgattccaag      120
tccactcgcg tggcaagtt cgtaccaggt ggtgctggcg gtgttcagaa gaagggtaac      180
ttcttctca agtggctcaa gccctggatc tacgccgatt acgccaccat gcgccagctc      210
gtgcccatg agagcaacat gggactcgac tacagtgagg aggttgagag agacgcttac      300
ttncaccctc aatcacaang cgagactccc atcttgtgga tcccgctgcc ctgctggcat      360
tctccaagca ggaggtgctt cacacgagca aggtgatccc atctaacga nggttgccac      420
```

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```
tgacgacaag acaacatcga gtgggacact tgngggagca cgacctcttn tctggaccgg      480
gagattactc ttaaagngat gattttttn tgtgatacca acataaaccg gctttaagtt        540
nnttgtttga naagatcaa                                                    559


<210> 2273
<211> 129
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 2273
ntaattngag tgcgctnggc gttgctggca actaattatn gactaccatt gattgctntt        60
tganatagaa catgctgnac aatagattca aggaatgaaa cagcttgacg atgatgacaa       120
tgatagaca                                                              129


<210> 2274
<211> 379
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 2274
cgagaggtct gcaactccaa acgagaatat gccccagcac cgatcagcac tgtcgctgca        60
gcacggcccg cccttcagcg gtcaatgagc tcagctatgc gtacaatgac aactnctttt       120
caccgaccaa cctccagcaa ctnttcgatt tttaaacaca acaatatggc cagcgcctcg       180
acacattccg acaacgcctc cgtctggtcc ggctcgcacc agaccgagaa atcagattca       240
caagtcagca aacccaaagc acgaatggnc ccaccaaccg tatnaagctc ggttcanaac       300
tntctcgtgt aaaattgnnc gacgagggg cncccaacan accatttgaa tttgntgggg        360
gggccanctn ccctggaaa                                                   379


<210> 2275
<211> 526
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 2275
ataacacaca tactcaaata ctctgcatcg attgaatgct aaggcagaca caatgcagta        60
caacaacgca atctcccacc acaccagcca caccatgggc gaaggtgctg ctagtagcaa       120
cagcggcgac aatagcagcg gagcgaatag cgtgggtcac catactagcc acaccatggg       180
ccagggcgcc agcagcagca gctctggtgc ccatgggggga ggtgggggttg ctgaggctca      240
aagagtcgac aatggcatca ccctggaagc cgcctaacag acgtcgagac ctacgagaac       300
gaaaacgata cgaatctgat gatgcaagct ccttggcgac agtcttgcag tctcaacggc       360
antgttgntn tgnagcgact ttcatgcgaa gctctggtag tctttncaac ttcaanatca       420
tngacancec ctgcgaggg caacagtttg caantgctct tcaacactga naccaanatn        480
aaatcgaaag gccttgcaca ttggtgtgaa tcctcnattg acgccc                     526


<210> 2276
```

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<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 2276
gtgcagcagc aggaggtgcg gcaatcgtcg gtttagtcat ctggctctgg ctacaccgtc   60
gcaagaagaa cgtcgaagaa tcgcacccaa tgctccccaa ctacgaaacc aacaactcac   120
cctaccatcc tggagagccc aaacccgcgt ggggcactac acctacgtca ggatggcaga   180
cacccgaccc caacgcatca ggatactacg cacaaccgaa gcagcacgcg ggtcccgtcg   240
aactaccgcc cgacaacctt gtagctgcgc cggctcctat attcgagatg gacggtactt   300
cttcgggagc tgttgagatg cctggatcaa cgcctgttga tcttcatcac cgtggtagtg   360
atgagctcag cagancagga ttgggctctt cagctgggga tactgctatg gtttcacctc   420
agacacaacc tggacccgt atcgaccaaa cggagagatg caccggtaaa atgggttgga   480
tttaatgata gaatggggttg gattggataa ctagattgaa gtaatggcct cggaattttg   540
ggatgagtgt atatctattg tacatcatca tcgggttgca tttagcgtta   590

<210> 2277
<211> 620
<212> DNA
<213> Fusarium venenatum

<400> 2277
cgacgagagt tgcaaatcac aaagggtgct ggagcttctt tgtacgtttg tggcggtaat   60
cattgttact gccaacgaca aacgcacagc gctctctcat tcatctttgt cctccttaat   120
cggagagagg gcccccattc ttgcgtttcc ttcgttgcgg ctttggcttt cgtacgccca   180
gctcataaaa acagcggcct cactctcggc tcaccttgtt ggatgacaat gtgacaacgc   240
tcctcaccat ttctcattag actttccaca ccggcaaatc tttctctcct catcaacggt   300
ctcctccaaa cttaacctcc taaccttcaa tccgcgaact cgatcgacta aacgtcacgc   360
ttccacgctt ccgccctgct cctacattga tcgacataaa cattcaactc cgcgaaattt   420
ctcactccac ggcctaccga ggctcgtgat atcctccagt atgaactcgc tcaaggttcc   480
cgaaagcggg ctgcagctcg agggctcaac tggcaaggac gctagtctgc cttccaggcc   540
tttgctctca ccctgagcga tgtccttatt gaggacatga tcaagtgtgt gcagaatggc   600
gatggcgttc aactttcgct   620

<210> 2278
<211> 119
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 2278
ntactgggnt gaccatgcnc tgaccngnca tcaggaacca taagnccgng tccagaagca   60
aactccgagc nggtcatnat aacacnaatt tagggcattg gntatcgtng gggactccg   119

<210> 2279
<211> 428
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(428)
<223> n = A,T,C or G

<400> 2279
ngggtcnat atgaggatcg tggatcgagg ggggtgtggg ctgagctgga agacggggtt   60
gatganatac cggtngggcc caaacaagac gtgcctccgt ccggcttcga cggggtatag   120
aagggaatg gaaatgcggc ggntnttttg ttcgagtgac taggcctgcg atcgaaaagt   180
cagggccagt ccagcgcaga gcgacgtcag ccgtttcgan ggggcccacg tagaancnac   240
ctcagatgaa aattggaggt gagagtggag cggaagctgt cnaaacgtga gggtgtggga   300
tgggaangat attgaangcn ccggaagagt ggcaagatga ggcttccgtt ttggaccctc   360
caatntttt ttnaagaaag cgattcccct aaatcgatta tcngtccaat ccattngggt   420
tctgtgcg   428

<210> 2280
<211> 613
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

<400> 2280
cttcatctcg ttcgccgacg ttgtacaggc tgagcacaat cctgcttcag gtattgcggg   60
ctcccgcgac agcatccatc ttgcgggtct tacatctcta cccgcagcaa tgaaccgctc   120
accttcgccc attcgatcac ctgtatcgag ccaaggaccc gagacaagcc cccctacgag   180
caaccccggc agtatgaagg gcattgagat gagcccctca cgaagaccac tgggtagccc   240
aaccagcatc aacaacctca agcttaacgt ttcaggggg gatttgaaca ttgagacaat   300
gagccaggct ctgcgaagaa ctggcagcac tgatctcagc catgttcgaa gcggtcctgc   360
aagcccaatt gagacctccc accttcgtta aagacaacat ttagtatgat tcaattaaga   420
cacttggcga gtgagagcaa tgatgatatc cacacagcaa atgcaacact ttttcctcta   430
attcntttct accaattggg gattatactt cctcactta ntcgattcga ccacgatacc   540
tcnggcatcg tcantttggg gggaatggga acactgggga tttggcaact gggaatttga   600
anagaaagtt ctn   613

<210> 2281
<211> 286
<212> DNA
<213> Fusarium venenatum

<400> 2281
catgttcctg actgacaact acaccatccg tgaggttctt actttcccct tcatgaagga   60
cgacaagctg gagcagaaga agcaactggc cgctgaggtg gttggcattg agcccgtgcc   120
tgaggagggc attgctcaca gtaaaattg agaaatagta tatgtaaggg tttttgtgatg   180
aggttgggag tatgatttaa cgttgagaca atgataccag gagggacaaa gatttcatcc   240
tggaaataga acaaaaaaat gaaatgcttt tggtttgtta agaagt   286

<210> 2282
<211> 482
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G

<400> 2282
cacatgcttc ttacgcgtcg ttattcatcc tcggatacct tggtcttatc acggcagact   60

```
tcctcttaca tgtaagcttg naaaggaccg atttagcgat aatccgcgaa ttcttatcta      120
cctcctttcc gccacccagc aacaccttca tngttaattc anaaacgaat gcatcagcgc      180
aattaatccc ggtcttactt gatgtaaagt agtgaacact acggagaacg atcatcttcg      240
agtcgcgacg actatactac ganaaaaccg tacatcggac gatacaagtg catttctact      300
acatctctca tctcatnggg tggtcgcgac gcgcttctct catcgtgcct tncaatgacc      360
cgacaaaatg catcgagttg gccatgtcaa cacagcatta nctcggcggt gnanaaatta      420
acntgttttg ccagcgacct ttgaacccgg cgcgtgtntt actgggnaat ccttgttcat      480
tt                                                                     482
```

```
<210> 2283
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 2283
cttgcccact ccttctaagc ttcgagacga caactntttc ctcatcaacg ccgccgactt       60
tgcccctccc agcaccattc gtgatacggc agccggccgt tctnaaagcc ccttcggnga      120
gagacgacct tactcccct ctgtacctgc tgctnaaact ctagcctcgc ccttngagga       180
gctcgccgcc cttcctagcc cttacagcca tcttctccgc aagtctggta cattcactgg      240
tctcgacttt gcgcccccca agaagttcaa ggattccgac aacatgagcg atgctggaag      300
tatcaggagt aaccgtagtg gcatgtctca agcccagctc ggagccatcc gcaacggagc      360
tggacgtgtc agccgactgc ctggcgacca agtgttcact gntgatgcac tacaagacac      420
gctgaagcca tcctggggca tccgaccttg ataaaccaaa aagcagcgca aacattattg      480
ngaataatcc gagatttcgg catcacaaga agtgtcaaaa attctnttag cggtgncttt      540
tggcattcat tatacagngg gcgcgggctt ggccactttg cacattttt                  589
```

```
<210> 2284
<211> 485
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 2284
gnccgagtcc caggaaagat ggtacagccg aatccctgct ttcaagtcca ctttcctcgc       60
cacctggagg cccatcgtca tcttctgggc tgcttctcaa atcgtcaccc tcggtggcat      120
cagcacattc tacgccatgg gcactgatgg ccaagaaatt ccccagttcg acggtagcga      180
aggcagcgtt tggggcatca tgatcctggc tctcttcctc cagatcgccg tccaaattcc      240
tgcctatgtt gttctcattc gtgtccaggc ctctcttctt ccgccgacgc cgacaccatc      300
attccttcg accgctcttt caatggccgc atcgagcctg tcgntgttgg tggtcggggt       360
tatgccactg ttcgtgacgc ttggtccagc ttctccaagt ctgcctggaa acgcattgnc      420
atgctcgagc tcaaaggcgg tgctgnctct tttgcctnca tctttgncct gatgggtgca      480
taaat                                                                  485
```

```
<210> 2285
<211> 606
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(606)
```

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<223> n = A,T,C or G

<400> 2285

```
gttggaatcg gtgtggcagg tgctggagca tcaagagcaa gtggtttata aaacctcccg      60
ccgctcaagg catgccgcaa ttgggtgcca atgtcgaatc cacgcaaagc ccaaaatttc     120
catatcctga agctttcaag caagtcatgt ctccaacgaa ctccgttccg cgacgtgacg     180
aagagcatgg aaatacgggc agtaattcgg ctgagcatca gagcccaaga ccatcccaag     240
cagtattgat cgatcggaga tcagagagga ttgaggagag gggtttctca acaccggttt     300
tcggtgtgtc gcatactaca gctattgagt ttgaggaacg aatccagccg acatatgttg     360
tcctgggcat atttcctcgc ggtgctctca accctaagga acaaattgtg ttcatcgata     420
ggcccgacca attttttctca aagctcaggt gggcgacatt tcggcttcgt gggatgagag     480
gaacattatt atctttgaag catctcgcgg cgtttagact gtacaagtgc gatgctaata     540
ccggaaaaca cgaccacatc aatctagatg ctaatggaat tgctgatttg natcttctgg     600
tgagtn                                                                606
```

<210> 2286
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 2286

```
ttcagttagg cctttatagc ctcaatcaat taacaacgag tattatatat caagttcata      60
ttataatact ctttttctctc tcttttcatt accaccacac aatagacacc atgcatgtac     120
tacacggatt cggtcaaaga cgaaagtcgt ctcgtcctcg tgaccttcat atcagaaagg     180
tctccttctc aggatcttct ctctcatccg gctgctctct atcatcatcc tcatcatcaa     240
ccatctccgc cctctcaaca ccagctgcta ggacacctac cgcctcaaga cccgaaatgg     300
accctctcgc ctcacacccc gccttccacg caccaccaag attatacgaa cgacctttca     360
agcgcatgga cgatcacgag cctgtattct acggtaccga ggaggcagtc atcgatgagg     420
aggattttgt cgagcaagat gtcgctgctc agcagcctac agagatggct ctggcttctc     480
atgtgagccc tatggatgct gccgacgagc aaggcaacga accccaagga ttacttcttt     540
accacantat cagcacgacc accaatggcc aaatttcgtn ggtccgaatc cccatccaag     600
cattcagac                                                             609
```

<210> 2287
<211> 647
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

<400> 2287

```
cagccctgaa ccgtaacttc agcaacattc tccgcaccaa gatccgcaaa atgaagttgc      60
ctgatggttc caagacgggc ggcgagtct acgcaagtg tatcatggac tttganaacc     120
gaatcaaggc tgacttccna aacaacggnn aaaagtgggc tgttgatgtc ggtatcgagg     180
ccgagttccc tgaggccggc attgaggagg gttacatgac cttcaccaac gaggagatcc     240
ttcagtgctt cgagctcgtt gncaaccgta ttctggagct tgtcanaaac cagattatcg     300
ntattnaggc tcagaaccgt actcttcana acattttggt tgtcggtggt ttcggtgcct     360
ntgaatacct cttccagcaa atcaagctcc acgttcctcc ccagttccag tccaaggttg     420
ttcgacctat ggactccgtt gccgcattga gaaggcagct gtcactgntg gtatcacaga     480
gcgaatcgca cccaccgggg ttgccccggcn acactacctg atggctactc ttcagccttt     540
gaanggaggg ctaccacccc gaggcctacc gngtcccttt tttgaangaa aggatcgctg     600
gaaagttcnc cccccanatt ttcgccaaaa nggccaaaag gncaana               647
```

<210> 2288
<211> 270
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 2288
cgagaaggcc acccccatga ttacgggtca cgaagaatta taatatcatg cacgcgccga   60
gttatttctt gcttcttttt tcacggcaat atttttttaa cgatatccta acgtacatac   120
ccacctttag cacaagtccc ttttggcatg ggaccagccc gttgagcgag gtgctgggct   180
ttatactctt gtttaatact acgagcaacg cgcgatacag cccgcgttgc caatttcagt   240
gttgtcaana aaaaaaaaaa anaaaaaaat   270

<210> 2289
<211> 271
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 2289
cctgaagcta tttagacgag aanttttttt gnnagaaacc ccgggtcacg gcgntaaagg   60
aaataccagg gcgggaagtc acctggaacc tgtaagaggg aattcaggga ccatggggc   120
acacgtatgt gatacagcnt gatacgagga caacgaagga tcgggtnctt ggcaaagggt   180
ttgtactgca cgctgggtcg ctgaacaggg atataancca gagccaacag gagcgcantt   240
ttttaaagat naaacagagt ctttttccgt c   271

<210> 2290
<211> 190
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 2290
nctctggcct ncctngccgc ggccncncag ccaccagcgc nccgcggccc cnacggagcc   60
cgcggnaaca ggangccgcc accccccagg ggacaangga gagcangcag cnagggggc   120
caaggacgac agcnccngca ccgggaacnn caaggcaaca cccacaaggg cccngccccc   180
gcccgcaagg   190

<210> 2291
<211> 639
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 2291
```
ggcgctagaa gagccaccgg agccactgca ggtaacatca caacaggtct tcccatcgaa      60
gataaggaca agggacccaa caagggcgat atcctgaacg gcgctgtcag ctggacccgg     120
gatctcatgt ggatgctcca tcttaagctt caacagcaag aagagatgat gaacactatt     180
gctgaccttg gcggccactt cccctttgag atgacagagg atgagcgacg catgcagacg     240
gagctcatgg acgctttcaa caagagtgag aatggcactt tctcatactc tcgcacagct     300
gggactggcc tgcgagtgcc tcaccatact gattatcgcg gcgagtccct gtcgggtggg     360
ggtggcagcc tcgaccctgt tggcatcaac ccanacgaca acctcgactg acgatacaaa     420
tcaattttgc atgaccccga tgacaacaac agtggccatg ctttcgtcaa tttcaangng     480
ggaagacgag tacnacatgg atctcacgca ctaaagtgtg gncctgttaa cccatcttnt     540
ggcttngaga gcatattttc ttaacgcata ttntggaccc cccccgtcaa tgggacgggc     600
cttacttgtt ggggttcgca atattacttg gnattggta                           639
```

<210> 2292
<211> 372
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 2292
```
tataggatag tgtgaggcca cgcaattgga gtgaggaaag acaggagcgc agaattggtt      60
atcgaagcag gggtctccaa aacaaggccn gcaaaaagga agtgcgcgaa gccttcagtc     120
tacgaatggc ttttgccaac gcttgaagtt tttggacttg acacatcaac agctcnagta     180
catgctaccc gtgtggcncc gggctcacac tagactcttg gcgaacttng ctggacattg     240
acagcagagg acgatctttt antttttac tttgttaatg ggcgttacgg atatgggaaa     300
gcggctncaa cagcatttga tcattcaggg cacaattcgt tacccacaaa naaacagggg     360
atttgaaagt an                                                        372
```

<210> 2293
<211> 569
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(569)
<223> n = A,T,C or G

<400> 2293
```
atcctctata ccattttatt aaaccgttta tttttgatcc tacaagaaaa acaatcatgg      60
ctgccgttca actccaaacc nccctcacc aggtcggcgt cttcaagaaa cctcatagcc     120
gcccaaactg agacgctcgt tctcaaagaa aaatcatgtc ccttaccggc gatagcttcg     180
acattaagct cgccaacggc caacccattc tcaaggtcga aggtaaagtc atgagcgttt     240
ccggccgcaa aaaggtcttt gacatgcagg gcaaccacct cttttccatc gtcaaggagc     300
tcatgcacat ccacgctacc tatgccgtgg aggacctcag ggtgtcaaga tcatggaagt     360
caagaatagc ttcaagctca tgggctccaa ggcaactgct accttcacct ccagcgacgg     420
caccgcagaa gttctggaga tgaanggcaa ttggttcgat tacgtagctg atatctttga     480
caagtctaca aatactgtag tcgcgcgcat cgaccgcaag atctcagcgg tcgtgacatg     540
atctttggtc agcagaacta cgctctaat                                      569
```

<210> 2294
<211> 628
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 2294
catacatcaa tttcgtctcg atctcttaat cgaaccttcc tttctatcac gaactctctc   60
actctacctc ctagtaccta cctacctagc ttgcccacgc tcgcctgtcg cgtatatcac   120
atcctcctct tactcctggc ttcttccgct ggncatttaa accgcgtttt actactctct   180
tttcatccca ttttgtccat cttgccgtct ctcaaagtca acggaactca tcaccaacgc   240
gtgcaccaaa gacgctatag atggtttgaa acctgacatt gctgactact aacctcccaa   300
aatcacttcc agtttcttcc ttttcaaaaa ggacgttttt cacaatgtcg tacttcagct   360
ctcaatactc ttcctctcct gtccttacca tgtctcccca acatgcccac caagtccatg   420
ggcatggcaa gctttggnca ccacacacca tcgcgantcg cactatggca aaccaagttt   480
gcagccgctc aacctgtacg aaccgctgca gctggnanaa agcgttctcn ggacgaagnt   540
tctgacaacc ttgagcctga atcaagtcct ggccgttgag ganctgaaga agaatggttt   600
aagggcctgg natganccto gtcaaaaa   628

<210> 2295
<211> 421
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 2295
ggtgattccc ggccttctgg gggctttgct ctccctggtc tgcccaatcg acccatgccc   60
aaagacgagc agtcagatga cgagcgggag gaccctcagc ttatgagaca gcagcagaac   120
ggggacggtc tccttcaccc cctcgcattg ctgtacctgt cagccgtgga cccgagcctg   180
acgttggcac ccctcctgag cagcgtgctc ctcctccact ccccctagc caaatcgatg   240
tgcccaagga gtcagaactt gctgatgaca aggangtttc cacgaccgcc cgcttcgctt   300
gtggtgcggc tgcgggtgtt gctgtaagaa ctgctgccgg cgttggantc gctgccgccg   360
ctggtgcttt cgatcgtgag cctagccccc gaaaaanccc ccccccccca aaggggggcc   420
c   421

<210> 2296
<211> 611
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 2296
ctggctaccg tccaagctgt ctctgctcac ttcgggcttg tcttccccac atggcgaagc   60
tgatacccti tccgaagaag aatgaggacc gntacaacca gtggacttat ccctggtgct   120
ggcgtttgac tacaataaga aanacctgga ccgactgggc cnttcgaggg gtggttctct   180
tacactcgac cttcaccacg aatgggtcct acgtctttgt caacctcggc ctcggcgaag   240
aacaccacca acttcaacat ntcccttaca cccgagttcc tnaacgccac caacgctggt   300
actnttttca ttgaaaactt gcccctttct naagcgtcaa ggtcttcgga cngagacttt   360
gccagtatnc aaggttgtga ctgtcngtgn aaagcggcag tgcgctctac aactgngccg   420
atatccgntt caaggagaat gcaaagggac ccagcaacaa gactgtcgat gtcgactatg   433
tcatgatcaa cagcaggatg gtaatggaac tgaggatagn ggnttcaact tctcgtcctn   543
aggggaggan ggtggntaca gtggcaaccg gatcacggaa tggttggtgt naaaacaaag   600
ggtttgacct t   611

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<210> 2297
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 2297
agtcaataag tcgctacttt tcctcaattc aaagacgagg ggcgagcttt catgttatcg   60
actatcgata tatatgttcc tgcaccatag tttattcgac gtcgatccgt cgcatccttc   120
attcatagtc gccgctcctt cactccgaca tttcggacta cttcattcac ccttagttca   180
cctcggcgtg gcatgccact agcttgatca tcatggcttc tatgccttct acgactcgtc   240
ctgaagacga taaatctacc accaccatac cttcagcagg cgatggacaa actgtaaacg   300
tacaggtctt gtcaccgtct gttggcgtga ccgacccct gctgtttccc aatcttgcca   360
ccagcactac ggtcaaacag ctcaaggaca agattcgaca gacccttccc ttgcgcccag   420
ccgatgagaa tcagcgcttg attcatcgcg gacgcgccat tgttcgcgag tccgacacct   480
tgcttgatat attcggcgca gatgtggtcc gcaaccccga gcaacagact attcatcttg   540
gtattcgcga tgtgcaagac aaccaatcct cagccgcgac cgcatctnct gcgcttnctg   600
ctcccgtctc agcaccagcg tcaggtc   627

<210> 2298
<211> 270
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 2298
tgaagctgga gccttaatcg tcactcgcga cgaaggtntc aaaacaagat taggagaaga   60
gcaactttgg ttacaggagc atgctacaaa ggcaactcgg gacgactttg ctcgaactga   120
aagaagagtc ggtctcaaag tcagagtcgc catgtggatt gtttcgctag tgggcggagc   180
gttgtaaaaa tatgtaaatc agtgtaatca tctagagtga ctccccgagt ccaatgatac   240
ccaagagtta atcaacatcc attcggcatg   270

<210> 2299
<211> 1143
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1143)
<223> n = A,T,C or G

<400> 2299
gctgtttgtg ccatcgtcga aaccactctg gcgccactgc tacgcatatc tccccatatc   60
tcacgttac caaaactata attatcagcg acaaaagtcg tttattagtt gcccatcatg   120
tccgcagaca ctgctccccc caacggtaac aacaacggcg aaaatgtata cacgcaacag   180
atgaggatca atcaaccagg ccgctctgac caatctcttc cagagggga attcgatttc   240
caatggcaac ggtttcctg gtcagtcttc tgccccgtc gatactggcc gtcgacgcct   300
ttctgtgacc actcttggtc tctctggtac ttcacccaca aacacatctt ctttcgttcg   360
tcgaggaagc atgtcgacca actcgaacaa ctctgactcc attgatgaga gcgctatcga   420
agatgacnac atgtactcca agantgcgcc tactacacca tttgtccggc ggatnanctt   480

```
cggtcctgcc aacatgcgta acatacgtcc taatggcagc cctggaaatg aacagcaagg     540
tttcaactgg tccgaacagc ttaagtctcg tgccgagagt tctgtcatag gtgctcctcg     600
cgcttccttc tcgctcgcct cctcctctcc gccacgaggc tccatccacg atcgggcaaa     660
gtccgtttcg gagatgcctc agcctccagc tcaagcttct tccgtcaagc agcagcccag     720
gcagcctgag cggcccaagc ctgatgcttt ccaggagaga attctgaagg gtgactttta     780
catggactga gtgaagcagc gcctcaaacg cccatacacc caaatatgat gacgatgatg     840
atgatgacac caacaatgac gacccgccta ctttaccaca actgtacgac gatcttgata     900
agctgtctga tcccttgcat ctgtcgaatg cactacgcaa tgtggttcct aatatgggta     960
acatatccag ccaatttccc ttgaaggaga tctctcgcta aacacatggc tggaatttaa    1020
tactttttat gggtttgcaa gcaaggcttt ttttgagctg ggttatttta ggcaaaggcg    1080
aaaccgacca aaaacatgca gccatattga attcgccatg ggacccatag ggggtgacaa    1140
ggt                                                                  1143

<210> 2300
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 2300
ctttctagtg atacaagaag atttgactta atcgcccatc atgacttcag cacgtccact      60
tctctacgtc gccctcggcc tactcatggt cgtgtctatc atcgaaactc tccttcatct     120
ctagcatggt cggttggcta caccgtaccg cgagcggaac tttctctttc gaatggcagg     180
gcacagagca ccagctaaaa ggcgaaccgg caaacttgat tgtcgaccaa ggccatacaa     240
gcaacggagc cgcaggaaca gcattcatcc ctatcggctg cggaggtatt cttgctctct     300
ggctccgaaa cagacacaac cctggaaaat tcagtcggtc cttttacaac ttttggctcg     360
tttggaatgt cctcagtcta cttctcgttc tttcagctct tatctacacc tttgtcgtta     420
caaccgaaca caacggacag agcatcatcc ccagcgttgc agccaagctt aacgatggtc     480
aaaaataccc tcttgagtcg tggacgccgc aaaattggtt ctcggctctt ctcgaccttg     540
aactcaccaa ctcgaacgan aggaacgaca ttgaacatca cct                       583

<210> 2301
<211> 505
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G

<400> 2301
gaattttttt ttttttttta cgaatacaaa cacgttcgtt tattgcttgc ttcattcttg      60
agctgtcatt gcagctttag tagtacaatt ttcaccttgg tcccattacc gtcccttgcc     120
attatgtcct ccatttgaat gtaaatcaat caagcaccct cacgttctgt gaatccaggc     180
ccagtattga cctgccaat cttgtccatg tgcatctcat gctttcgctc ctcaggactc      240
cagctctgtc gacgctgaaa tgaaggtgtc cagctattca tgtggcgcat gcaacggtcg     300
gtaccagctt gagcggatgg ggaagttgga actcggatg ggggagaagt ttgggttgtg      360
gtggatatgg ctgttggttg acgatccatg gtgaagttta gtttttgaaca gatatttttt    420
gatgatgata gtgtttggtg gtgatgaagt ctctttatag gttgtttatt gtagttggta     480
tgaagagtgt tgcctggaan aattc                                           505

<210> 2302
<211> 596
<212> DNA
<213> Fusarium venenatum
```

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<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 2302
```
cctttgataa tctttaccaa actctgctca atcatcaggc cgagccaaat agtctctcta      60
ttttcacatc cttgttacgg ataaactaga attgagcttg aacagatagg ctccttcagt     120
tctcgatgtt taattacaga ggccgtggcg gtccatcgcg gtcaacgcct gccaatgtcc     180
agtgtcagaa atgtctaaaa cgaggtcact actcttatga atgtaaagca acggcacagg     240
agcgtccgta tgtgtcgcgc ccatcacgat ctcagcagtt gcgaaatccc aagctcgtgc     300
ccaagcttac aaacgagacc ctgaaccctc tggaaaagaa agaaggtgtt gctgatgcag     360
aactggctaa ggtagatgct gaacgcgcac gcaagcgcga gcgggaggag aganatgatg     420
agctgatcaa gtcaactgca aagcggcata aatctgtttc ttcccattct gtgtctacta     480
tttctactaa tgcttcnaag tctccgtcnc ctggttaaaa atanaattgg atcacctcgt     540
gcacgaagaa aaaattctca ttctgacact cacgaaggcg aagtgacttc gaancc         596
```

<210> 2303
<211> 575
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 2303
```
catgaacgac ccttacatct tcagcaacag tggagatctt accacaaagg atattctgaa      60
gcgttttcag gataggcggg gacagatttc aattgctgat gtgaacgagg tttacaaccg     120
tcaggacaat tccacccgac ctccagctcg gcgagtagaa actgaccccg cagtatggca     180
gggtgaaacc accgttcgca ccatacaaga tccttcgatg cctataccca ataatggtcc     240
tgcaactccg ccggctcggt tcagangacg gaacgatctg aatccctcgc cttatggtcc     300
aaccagttca atcagtcaga cagtcaactc gatagcgccg ancatancag gaggcgcgaa     360
tggccaatct ggcataggaa gacntcaagc ancnggcttg gtgtttccgg caactcatga     420
tactttctcc attgatgttc ttgattatag cagggctaga caacgcccgg tatcagaact     480
cgttncgttc ttacnttcan tcagggcgcc tgattgggtt tngaaaaata ttgcatantc     540
aangggcccc ctctttgggt cttcttaacc cagct                                575
```

<210> 2304
<211> 502
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 2304
```
tccaataaca ccaccaaatt acgtcgatcg cccctcaaac tccaaactac caacctctct      60
cgagtatcac gttaccaaca aaggcattcg gccttaccca gcctcagcag actgcacccc     120
atgtgtagcc aataagaccg acaaggcgtt tgaagcgctt gctaatgcac ttcaaccaaa     180
caaataccaa taatagagcc cgtcacaatt tcttcgacca agcaaggaca gtcctttacc     240
tataatcgat cgccaacacc cgattcgtcc taagattata tcacaagcat cttgaaaaac     300
gcagttttgg cagaaagcca agaggatttc gacaggttcg accgnaagct tttatntagt     360
ccatgagtcc aatgatggtc gttggacttc ccttgataca agaatgggcc cgtcagacgg     420
agaatgnacc atgggctgca attggatacg aattggatga tttntnaatg gganggtaac     480
atgttgcgca tatggtattg ga                                              502
```

<210> 2305
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 2305
tgggatatga ctggcatgca acagcatttc cctcaacaag acactgtcat gggtaatgtc   60
tacatggcca accagcaaca acccgtcgct actcgccctg ctactcctat tcctacaaaa   120
cgacctgggt cctggggcaa gcgactgagc cttgagaacc tgcgccccaa gaagaagact   180
agcgtctatg gtagccctgc ttccgagcac gaagctgtcc cgcctgtacc agccatgtac   240
gctgagatga tgcccacgtc tgtaccagcg ggctacgaac tgccaatgcg aatgggtcac   300
cctcaacaag gctacacatc gaaccctggc ttcatgcctc aagcacagca acagcagttc   360
ggttcaccac aagcttctac ttggatgaca gcgacatgag actataaggc gttttaatct   420
cggaacggaa aacatttttt gagcatcatg atttcatttt ctttgcatat taccacatat   480
ctgtactaat aatcattccg cacacggtcc aaagtggaag acgaagaact ttacgacagg   540
atacccatcc tctaccatat gacaactttc gccttntcnc cttgtttgtt   590

<210> 2306
<211> 564
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

<400> 2306
tgactttatc ttgcatacca caaccaacgt cgatcacgcg acactcgatc atcatttcag   60
acaggtctta catacgaaat agcttgacat ttccctaccg atcaggttcc ctagactggc   120
taccagtctc acaggtagtg aattgtgccc aacctcaaaa caccacaacc accatcatga   180
gtcgacaaac accacgaaag cagcgacaca cccgtcagcc ttcgaaccgc ataccggccg   240
tttcagacta cgaatcagat gccgcagtta tacataccga ctacgcgcca ccgcctccac   300
gcacaaacac cgaactcaac ctctctgtgc tccagcgcta tctcccctct atccacacca   360
tcctcagcat agcagccaac gctgttatct acacattcaa tagcacctct gaaaattggg   420
aaaatctggc gtggaaggca ccatgtttgt ctgcgcgcaa agtccgtctt ccgaagatcc   480
tgcccaacaa ccacaacctg cgtgtttgtc cttaacagaa aaaggnttga naatgtgaat   540
gtagattctc cgggtgttcc atgc   564

<210> 2307
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 2307
aaaggcttga gggaacacgc tcgcccacga cgacgtcgtt gctgtatcgt accaaagatt   60
tctctggtcg ccatgcagcc gttcgcccgt ccagcggcaa ggcttgtctg gagccatgcg   120
cgaataggac tcgaccggac cacgangccg agcaagtcat gctgggaacc ctcaatattc   180
cagaattcaa caatacgaat gcgatacaac cccngagcca ttggccttca atcacgactc   240

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```
tattcatcag agagaccccc gaaagattcn gagaccaact ctaggacaaa taaagacgtc    300
gaagctgagc ttgaatctat ccttaaacct cggccaaata ttctnaagga gcttcagccg    360
cctgtcgaaa gaacgaaact ggaagatgtc nagtctactt ccgcagatgc tatcccccna    420
gactcaaaac tcgagacgcc cnaaactgaa gaaggcaagc ccgaaccncc aaactcgacg    480
atgctgctca atcacncgaa cccctcgac tactgatngc ctcccaattc tccgtgaccg    540
cgcgccacat cctgtntncg aatttaagga gaaatttagc cctgctat                588


<210> 2308
<211> 656
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(656)
<223> n = A,T,C or G


<400> 2308
ctcttttcat ctctttctg acctgactta tccttagggt actttttttc cttctttccg     60
ttctttcgta atttcaactt tttgcatatt gattatctgc tacatgagta tctattgcta    120
aaactcttat gcaactcaca ttctcttatt ctccctctac tacaatatta tcatgatggg    180
tcgtgtcgct tttatatctc tgcgagttct gcagctagct ctatctattg cgagcatcgg    240
cttgagctca tatgttgtcc acgattacga ccgcagaagt cgaggctcag cgccttcacc    300
gttttcctac ctcttgacct cgtccatcgt ttccatcgct ctcatcgtct acctcgcgat    360
cgctcctctg tttgcccgcg cctctatcat caatacgccg ccgttgtcgc gaaaccgcaa    420
tgctgctctt tacttcgccg gttcatcgcc attgctgctt cattggggtc cctcattatg    480
tgtganggga accgtctgct cgtgcgcacg cnccgatgcc gtgttgctgt tggncaagtt    540
acggngtgga taacgacaac gggcttcaca gccaagagtg ttccaaagga ctttcaggac    600
tcaaaaggca ttgccaccgn aaagggncgg ctaatgactt natgccctna aaacgc        656


<210> 2309
<211> 606
<212> DNA
<213> Fusarium venenatum


<400> 2309
cttgtttctt ttttatttt attgccggcc ggcccttacg tagtgatgca tagaaaagag     60
tcatggtgat gggacatagg atcagtcgtt attcccgcac cgtgggctaa taatgaagct    120
tacctcgcta tcttactggt tcttcggact ttttctcttc tccatcagcc taatgaccat    180
ttttgtttcg actcagacat ggattagttt gtttttttgc ttcttttatg taggtgcgcc    240
ccaacccccc cttgtcgtcc ctctcatctt gcctgcctga ctcaagttca aggcaggcca    300
agacctggcc tggtcaggtc agatcatgtc taatcaggtc aacaacagac aacgaaacga    360
cctggtagac agggcccagg ggcagatcca ggtccaggtc ctggtccacg cgacaataac    420
aaccgtgagt tgagccttgt tcgcaatctt aaccgcatgt tcatccagtc gctctcatcc    480
gtcacctgtc acgtcacatc cagcctaaat ggatgggact gcacatcact ttgattaccc    540
acgtagtcgg gttgggctgg gatcacaaaa gaacgaatcc aatcaattga atggtcacta    600
gactaa                                                               606


<210> 2310
<211> 570
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G


<400> 2310
ctgctctact ggaactcggt catgttggag aagcaagaga aggatcagaa ggacaaaggc     60
```

```
gagactagcc catccgtaac cgactcgcaa cgacgaggct cttctttcga tgatttcctt       120
cgtcaagacg atggcgctga gcaaggggac atatgttttc aacactggag ctgatacccg       180
aggaatggat gagggcctac gacgtcgtgg cgatggtccc cgtggtttca ctcctctgta       240
catcaaccct tttgccgacg aacaccacat cgaccatgac gagatcaacg aggagcctga       300
ggaaacccga caaaccgccc ctgctgccga cgaagtctct gatatctaca gcgccccact       360
caggacaaag acganaagcc tactgccgcc gttcttattg atgccgaccc actcccgccc       420
gctccgagac agcctccact gctaccctcg agcganagat cggcgttgat gaattcatga       480
ccgccggnca ggaaaaccgc gacaaggcta ccntcttttc ngggctgggc gccaaacacn       540
agcaccgact tttactcncc acttccgtcc                                        570
```

<210> 2311
<211> 622
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 2311
```
aatcggactc cgattctcat cctctcttct tctcctcaaa tattgtccct gcttctcctt        60
tgcgacacga tagcttgaga cattaccaat cccatctccg acggctgcgc cacgcacgcg       120
tacctacagc acagtacatt ggtctactct acagtgctct ctctctgtac aacccattct       180
gtctagactc ctcgcctcgc ctagattcga tttgtcctga ccactcacgc acccactggt       240
aaccagaact gtactcaacc accggcctcc tccgtcgttg cgcttctcgt actctctacc       300
ttggatcctg tttttccctcg cgccattgtc actctcttgt tcctgtcaac caacacaatc       360
gaccatcacg aatactttgg ccccatttcg gcttcattga cgcgattcga attactttat       420
caaactctgt cgcttgacca ccaccgacac ctcattaatt acttcagcgc aatcgattcg       480
acacgcagaa agagcgacca caggccgagg gaaattgnca cgggtagtga aactggagga       540
atagaacgcc ctatcgcctg aaagangccc cttggccatg gccgacaacg agaaganggc       600
ctnctcttnc gangctcaag aa                                                622
```

<210> 2312
<211> 602
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

<400> 2312
```
gttgagaagt tctctcgcct cccctttgcg gacaaccagt ttgatctcat ttctgctcga        60
gaacttcaca gcatcctcaa gctctttggc gagaacggtg aagatgagtg ggacacttgc       120
ctcaaggagt gcatgcgtgt cctcaagcct ggcggctacc tcgacttttc ccttcttgac       180
tcagacatca tcaacgctgg tcccgtcgga ctagccaaga gcgttcgagtt cggttttgct       240
ctcaagactc tgggatatga tcccaacccc accaagctct ggcttgcccg tttagcccgc       300
gccggcttcc aagatactcg tcgcatctgg atgtgtcttc caatgggcgc caggcgaagc       360
atgtcaaagc cccccactct tccatgaagg atagccccga tgacaggacg tcaagactgn       420
cagatggacg ccatgtgatg gaanaatgat gacattgcag cgttngagat ggtggcggtg       480
aactggaanc atgntctccg tgtgaatgaa aggtgtggga nttgnattgc gtccacatat       540
ggactgcatg aanagttgca gnttaanggg ccccgttntt caggaagcca actgaagncg       600
nt                                                                      602
```

<210> 2313
<211> 563
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(563)
<223> n = A,T,C or G

<400> 2313
gattggcgcg tcgctagacc gaagccatac tcaagcaaaa aggcgaaggc ccctggaggg   60
gaacgccgac catcatgata cccaatgcat ccataccacg actaccgata ccaagaacaa   120
cgtacatact taccctagcg ctgagtctat tactctgtgc ttttggaaat gccgatgcat   180
cagagctgnt gcacgactct atattcgaca ccgaagcact tgtcgagcga agcgatgcat   240
ccattctcat atacgaacct gacttcggcg tattcgatcg nagnatactc ggtcgngcaa   300
caagcagaac agtcgctttt gacaacaacg gcccggatag ncgaaaattg agtcccggcg   360
caactgnttg ntacgcgggg ataagaagac attggtcggc aaggataaga agggcgacga   420
tcccatgaac cgaggagcac cgaggacgat ctgggcatca aaaacctggc gagctgggct   480
aaaacgggta catatctgna aaaccngntc gagggccagc ctggaatcaa gggtanggca   540
caatctggaa caggacncaa cta   563

<210> 2314
<211> 608
<212> DNA
<213> Fusarium venenatum

<400> 2314
cgcatgactc gagtctaaca cagctcgtgt ctagtaacac atttgtatcc ttattggcgc   60
gaaacgaact cgaacatcag tcgcattgca tcgcatcgtg tcacgtaccc atacgactta   120
cgatccatca tggccgaagc tctgagggag ttgctggccc ctgaacagac aaacgaccca   180
gctgctctgg agtatctcac ataccttgcc gagcgacaat ccagcttttt gcaaacaacg   240
gagccccaag tcctatccca gacgtcgcat tctctactcc tcgctataca agctctttcg   300
aaaagatctc ataaaccat cgtcgattca gcagccagtc atgcttcctt aaggaactct   360
ctcccgacgc tagcccagcg agcttccgat ctcgtccaag cagtacctcg tctagatgct   420
caggctgaac acttctcgtc agcctttggt aaggctagcg acagcaagct gcttgcccga   480
aggaaacaga ctctgctatt gcttcgaaac tccgaacgac tagtcgatgt catgggagat   540
gccctgctt ctctcgtctg ctggtttcaa ccggccccag tcaatcattc caccacgctc   600
gaactcta   608

<210> 2315
<211> 812
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G

<400> 2315
ccccgcttgg tcaacctgca ggctggtccc cgaagaatta caaattcctc agtcaacgtc   60
acacgatacg ccaatgggac aacgctacat gtcgataatg tcccgaccgn ccgagtatct   120
aaaattgatc gatgcttttg gtttcatggc ttgtcaagca cttcatgata tcgtcaaggg   180
aabttagget atgttggctn ttggttaage tctactctgg tcccgtcaac gcataacata   240
cctatccagg cattgtaaac aaatactgtc tcgtacagtc gtactcgaat atgcagctcc   300
agtttanaaa gacaacacac ccctaagttg aagatcttgt ccaacgtcat ccaatcaccg   360
ccccacaac aaaggctttc cctgttcatc ataccgncac cctaacatt tgctaacagg   420
agttcgggac ttgcctttac cccgctacga cccctcatag agctttcgag agctccttat   480
aagcttaaa aagccgtcc tctcccagac ttgaaagngg tgttagtcca nacattcatc   540
gccgactttg aacaatacac cagcctacca ctntatattc caaatctttc acaatgcctt   600
ttttccggac atgctttgga aaagccgtca cctacaaggt cgacgaagag cctctcgttg   660
gtggcttaca accactgtgg acaactgcca gcgtcagaag cggttccacc tactctctcg   720
ttgctgntgc aagaaggaca agctcaccat caacggcccc gtnaagacct actccggcac   780

caagggctnt tntggcaaca tcgccaccgt ct   812

<210> 2316
<211> 619
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 2316
attaacttct tttcaataca acgcgccata tcacatcttt ttcatacgag catcacatca   60
cgacgatgtt agagactgat atagtcgtca cttganaaca cactgctatc atgatgccat   120
gaqcgaatca nacaagcccc aaatttaccc tcgatattgt tttcaccttg cacccactgt   180
gaatcaatgg tgccctttcc gtgtgaccga tqtccacggt cttcagcagc acgcaggctt   240
cgaaggcgaa aacttttact tttatgggaa tctaccaatt aaatgggtac gcgtagtcgg   300
cttagtcgtc gccattgacg agttcacggg taggcgcgtc tatactatan acgacagcag   360
cggcgcatgt atcgagtgca ttgtgaanat gcctatattt tcgggagtgg atggcaacgc   420
ggctgcagca acanatgctg ctntgaanaa agcanacgca aatccgccac tacccaccga   480
tcccttcccg accatttgat gtcggggtgt gttggccaca tcaanggggg tctttccagc   540
tttanaaaat gagccgacng ctcctnttca aaaanatgct tgtcgtacgg aacactcaac   600
aagaaggtgc cctntggga   619

<210> 2317
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 2317
ggaaattgta gactatcgtc ttggagataa gctctatttg tctaaaaaaa gaaaatgttc   60
ttacgtcaaa tctctggata atggatcttc ctcagctcaa tgcaaaggca gcaccgatcc   120
gatttccgga ttgttgtctc gctatatcaa caaaattact tcagctctta tcagatattt   180
tttccaaaac tacagtctca naagaccatc caaccgtcct ctccatcgga agcggctctg   240
gcttgctcga agcttttctg ctcaatcaac aagatagcgc ccactacaac tatccttctt   300
tcaacgtggn gggggttgaa gttcagcaac agaatgggaa agacgctgtc aacaaatatc   360
ttccanaaca agccatttat acggttcgtg gtagctggga cgttgtctcg aggttacaag   420
atccagacqt tacatctctc ttgtttgttt atccacgtca accagcccta attctttgaa   480
tacacgaaag ccatcgcgcg aagagggctg aaccgtgcna ggttatcgtt tgggtggggc   540
caatggcttg actgggangt gttccaagtc ttcttttgat gcnagggcat gaaaatgggc   600
caatttgcac tcccttgaaa aaaagc   626

<210> 2318
<211> 506
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(506)
<223> n = A,T,C or G

<400> 2318
caatcttctc cggaagattc aaagacgttg gagaatatta cagaaacatc caagccgcgc   60

```
gatagtacag gggaaagata gagaacttga ccacatagac gcgtttgtcg atcaatcgtc      120
gcgcggctat tatttacata tctcataagg acagcccgca aactaagtga gtataattgc      180
tttttgcggc tcagggggag ttatttattt gggcagctgg attgagagcg gttcatccga      240
acaaatcgca tttgtcacgc gctatcaatg cgattggctc caagtatctg tatatttctg      300
aaacacatct ctatggttct tgcatcacaa ttatacatat ggtaccgggc aacattggac      360
acgggtaagg atatgaagaa aacctggggc ttggaggaaa acggatttct taaaatgtta      420
tttcttgtca aaggattggt antggttggg ggaatacatt aacantgaca gaccgggcca      480
gccacggttg ctacttgcag gcanat                                          506


<210> 2319
<211> 497
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(497)
<223> n = A,T,C or G

<400> 2319
tttttttttt ttctatcaca atggcattgc atattttacc ctttctcata tttgttatcc       60
cctacagtat cttagcgctc gtgtccgtgg cattgactgc atcaggacac gaatgtcgtt      120
ccgccgatct tggctcatga tttattatac aaaagacgct cccaacgccc cttgttccca      180
gtatgtagtc taaaattcag taactcccag tgcagtcggt attcgccgct tcagcaaacc      240
gatagcactc agtgttgtcc gagaagagct tggcgtgcct ntgaaggagg agctttaccc      300
tgaggagaag taaatggtgc catagtctca atattttgag ccttgtgtat actggatgtt      360
ggccgagacg gaagggaatc agaccaagag gtagaccccg gaagtttgat tgcggcagcc      420
ccaaatcgat tgggtttagt cccacgcgaa aaaacaattt ctgccttatg ttgattccca      480
aagtcgaaat gctttgt                                                    497


<210> 2320
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 2320
tatcgccggt cactcgcctt cacttcccan aaacaccttc accggctctg gtgctgaaca       60
agacgtctac ggaagtaaat tnggggggtca ttccccttca ctttcacttc caagaggctc      120
tttcactggt tccggtgccg aacaanatat ctatggcggn aaattcgctg gtcgctcgcc      180
accactttca cttcctanag actctttcaa tggatctggc gccgaacagg atatctttgg      240
ctctcacttc aatcgcacct cataccaagg tctcaccacc agcactttgg gcctgatgca      300
ctctgtcgtt ctaccttcct ttactcttca tgctggtctt tctgccgtag cctatggaat      360
ttcccgatac accgatcgtg tcgagggcaa ggattttctg tgggcatctg gtatgacact      420
gaatgcttgg tggagcgcta ttggttctcg cgttgcaatg atggtctctc gatctctgag      480
gccggctga tctcatctac ccgcaaaaac ttcttnttnt tggtgctaca gcttgggggg      540
caggttactt ctcgtgtgtc tccccaantt gaaacgtgga gangataacc ctcggtntgc      600
trtgaaaaaa aggatcctgg t                                               621


<210> 2321
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

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<222> (1)...(616)
<223> n = A,T,C or G

<400> 2321
gacgaaacca ggcggacagc gcaggtatag gtgcagaccc ccctataccg caaaggtcgt   60
gatcatcgca ttctgcccgc gattcgcaaa cttttggtta tcgttgcacg ccttgcatcg   120
aagcccgccc acctgttctg ttcatcgctc cacatcagcc cacgggtcga tcacaagaga   180
accaccagtc gctcagcttt atcgaccgac cgccctgtcc tgacctttct tcctgtccag   240
gaccttggtc aattgctgca ctcgtattcc catttgcctc tagggtgtcc tgttcgggac   300
caccttaaaa accgtcgaac aaggnggatt ccgcccaana aatcgtggca tctcccgggc   360
cttacaaaac gtcacgtnct acctnaacgg ggcgctggct aacctctnat ctgctttcaa   420
gattcgggcg aatacatatt aaacactctt ggggccctcc accctngttt atagcancct   480
cgcttgttnt atcgccgtcc cctaaaatgt cgcgaaacng gtggtctatt ggccgcnaac   540
anattcgctt anaagtttta tgccccagng gngtccccnt ttcaccgacn acaatttaag   600
ctacttacct nccaaa   616

<210> 2322
<211> 232
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 2322
natacccaga aaccctacng ttgngccnac aacctgcntn actgggtcaa ggcggcgaac   60
tgcctttgag gntatgctca cgntgatgtt ttggctgttn agaacaacac atcacccnan   120
cctgggtaga ctataaaact gctatctcaa gtggcctcgn acgttcgcga tgangaaccc   180
gcgagttgnc gctataccac aatgcctnca acagatttct tttgtttttt ca   232

<210> 2323
<211> 591
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 2323
atctaatttg cgtctacatc cctctaatct cacatcatgc ccgctcaata cccgcggcct   60
ccccagcgcg aatcatggtt tgcgccgcta tccattgacc tcgtcctcaa ggtcctcaac   120
acaactcttc tgcacccttt tgtctgctgg attattccac tgtgcttccg cgcgcagacg   180
gtgaagtggg aggccccgcc tatggtggcc gccattgcgt gggcatcccacg aatcacgctt   240
ttctggatgg ccaatgtgat caaccagcgc atcgctcatg gcatcccacg tgaagtggat   300
ctgagcgagg aggttatcgt catcactgga ggtgctagcg ggctgggtct gctcattgct   350
gagtgtatg gcatgcgaag cgcgacagtg gcggtgttgg actgaatgag atggaaaaac   420
anggagtcca qaaqtqttac gtactacaag tgtgatttgg tgacaaagac aagtcccaaa   480
ttgcctccaa atcnanaaga tcttggtacc caccgtactt attaacaacc tgctattgtt   540
attggcaaan tctctttgat ctctccatgg acaaaatcna canattctcn c   591

<210> 2324
<211> 459
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 2324
cgacaaagct ggtagcttcc ggtggaagca tggatgcatg ggctttttgat gcctagatgc   60
aaacaatgca aatgactaag anaaattgta ctaaagctca aatgttaatt aaaatttatc   120
taggattgaa tcgcggacct tgaaaagcca ttcccttcac ctacacaact ctcagcaaat   180
tgcatgttgg acaattacgc gacacgcttc aagctaaggc catgcccaac atgggganaaa   240
ctctttccca caacatctcc tcgacaattg ccatgccggg cgttgaatca gaagactcct   300
agccaaggac cacaggacca tatcgcnggc cacaggnnga taacaaccaa actactgctc   360
ccccgccagc ttcaatcgcc ggttcgcttg ccggtgaacc actcttctca gtccatngaa   420
aaacgngaaa tgcncngaat tcccggttga aatngattt   459

<210> 2325
<211> 112
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 2325
ntatgggagg atttttattt attttacgtc cnngaggaca ataacncgga ttttgntgnc   60
ttcttaaaat tnaatcgttn aagcctggna ntggaaaaaa acganggttt ga   112

<210> 2326
<211> 556
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

<400> 2326
aggtacagtt gatcaactcg aagttgtttc cgccatgctg gccgatacca acctanaana   60
aaatgcncta tcaaagaaaa agaanaagan ggggcanccc atggaaacac atgcatctan   120
anaaatgtca atcacagcgg cttgggcctt tggccagnat atcccagngg ttcgactgga   180
tttgggcttg cccactgtta ccgaggagga gtacgatggc cctgaggatc atattgctct   240
gccccttct gccatggagc gggtgatgca gtatggcgac gaggcgcata ttgtggtgac   300
gacgaggaga cgtcgcggag ctcaaggggg cagtcaaggt gaggatggct tntttgagga   360
tgattgcnaa gttctcgatt ttgcaaatca aagggtgtaa gtgaaatgaa ggagtcttct   420
ntcaacaggc aatatgtgca ggggtttgn gngtatgga ttggngaact ttacttnatt   480
ntatggattt gangctcggg aacaacaatc cattggttat gctnttcaaa tatggaacca   540
aattncacct tgtcct   556

<210> 2327
<211> 645
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

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<400> 2327

```
cttaagatgg aagccacaga aaccgatcga accatgcccc tgaagccaaa acatatgggc    60
aatgacacgc atccgcccac taagcgacgt gtcctgaccc ctgccagaag agagcagaac   120
cgactggccc aaaaggcata cagagaacgc caaaaggaag agagaaatat cacaaaagag   180
gtcattgctc gagcaagaag taataaccgg ccaagaccac ttctgaagcg acgagtccct   240
tgctccaaag accaacaact tattcccttc aacgatacct catcatcgga tgaaacagac   300
tctgatatat catcaagctt cccgatgtc tatgtcaaca tgcttcagtt cttcccaaca    360
gccttctttg gatcttgcct cgccaatgca gaatcactgg gcttcgatct caaccttgtc   420
gcagactgna ccgcatataa tttctccccg tttcatcaac ccaacctctt cttcattgnc   480
gattactcaa cccttggtca aaaanggtca gactttctnt tcacctttgn caattctagn   540
ggtcctattc atttacgaac tacaatggng caagngctca attccacaat atatnaactt   600
taaatttaat ccctttcccg ttctgggcgg aacaaacctt atttt               645
```

<210> 2328
<211> 580
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(580)
<223> n = A,T,C or G

<400> 2328

```
tggagcgtga tgctggcatg gcaagatacg aaaagaagaa cccccatctt tggatcttta    60
tgctcttggg tcagattgta gctatttcct ttgctgcgaa tctgtctttc ctggcattcc   120
ttgtttttcga ggatccggat acgtcaatcg ataccgttaa tcaggagaag accgtatcat   180
catcctcaac caagagccac tcactgctac gcaaatcatg gtttgcagtc ctagtagtta   240
caatgggctg cgccgtcgcc atcccaagca aactcgatca tcccaagttc atgtatcttc   300
tcctcgcccc tcacgctctg gcctttgtac cactactcat gaacaaactc attggcagtc   360
gggagcccgt agtgatggat gaacaaccac cgcaaaaggt tcgggctggc gtcagggccc   420
ttgttgctgg antctgcatt tatcacttac tcagtccagc ancaagctgc tggggaattg   480
ccacnaaagc tctgtntgan catccacagt aancagtgtt ngggtgggan gtcatttgct   540
gttggattan tttctttgct tggtttttatg ttcaatgggc               580
```

<210> 2329
<211> 659
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 2329

```
ttanttacta ggttcttaac aagcacagtt gttattctgc atttcaacgc agagatagtt    60
tgataccgca attatacata ttacattata acggaatgca aagggtcatg gccaacgttg   120
acctagcacc ttatcggcga attgtgcaaa tattctggga cccagagccc accaacgatg   180
tcgttcacga ccaaccagtc tggtgtttgg gacgctccta tcggctcaac ggcaagaaga   240
atatccaigyc cgatgacac catccacaga cacttcaace agtactgaag gctgaagcag   300
aaatccaaca agctcacgat acaagctcaa ccgccaaacc cgccaacaaa tgcaccgac   360
acacctccgg actcgatatc gagtagcttc tcttcatcac tggcatacga cgacccagtg   420
gacgacgggg gatggncaac tgggttcccga agcgatttcg aatccaagat atggatgacg   480
taccgatccg agttcgagcc cattccccga tccaccaacc acaagcaaca tncgnacttt   540
cattgnncat gagactcaag agtcaacttc ggggqaccaa aagtccattt tcttcggaca   600
agngggjtgg gggatngatg attcgtttaa ggacaaagtt gggtcgcaaa tgccataac   659
```

<210> 2330
<211> 593
```

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 2330
```
atcttggcgg ttgtgtcccc gttggaggac aaggtgcaga tggagttcaa ggggtggttc   60
cgaaagtatc tcgcagaaca tgttgtcgtg agacaggaaa agtctgtgga tatcctacag   120
gctatcctga tataccttgg gtggaacgac ttccacttct acggagagct ccaagttacg   180
aacatcgtcc agatggccat cgggctggtc atcgatctaa gactggacaa gttcgctggg   240
tcatttctgg gcgggccaaa gactatgctc ggagacgcat ggacgacaat gggcagatct   300
tgcttgaaag ggaaagtcta ccagtcatca gccgataaac gtgctgtatt gggtgtctac   360
cacatcacaa atttactcaa ctcaaacttc agaaagagca cgctcttgaa ctggagtaca   420
caoctatccc aatgctgtga cagtcttgtc gagggcaacg agttcgagtc ggatgcatat   480
cttgtttcgc tagttcgcat gcaacacatg gccgatcgtg ggtatagtat tataccagct   540
ttcgatttta tggatcccac ccnagaactt tcaacgctgt gacagcgatg gct   593
```

<210> 2331
<211> 477
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 2331
```
cgctcccgga cagcacgcct atttgtacct gcccgccgtc agctactggc aatctcatcc   60
cttctctgtc gcctggtacg atggcgtaga ggaccccaag aatgagagat tggccagcac   120
caaccaggat ctgttggcca tgcagcagca gcgaatttca ttcgtcattc gaggcaggac   180
tggcatgact gacagtctct acaagaaggc cgtttcagca cctggaggaa ggtttgagac   240
cagntgnttt gccgagggac cctatggggg caccactctt tgactnatac ggcactgttg   300
ttcttttggt ggnggagtng datacccacc cgttnnttac ataaagnttt tgtggnggct   360
nctccaaggt cttgtgccnc ccnaaaattt tgtggtttgg anaataaaat tctgaccctt   420
gggggggntcc cccntggang accnaatttt nggntggaaa aaaaaaaaac ttttttt   477
```

<210> 2332
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

<400> 2332
```
ctttttcaga aacgccaga gattactgga tgcggaccaa tcgaggttct gattgatgag   60
gggtcactaa tctttgtaaa gactccgtaa acaattcctc atctcgatct cgcccatgat   120
gtaatcgacc tatgacggca tactattcca ccttcgacgt caacttgcaa tcattctgtg   180
tccgtgattt cttatatcta gtaaacatct gattctttct cttttctcttc tataatcatc   240
tgagacaatt caaccacaaa cttcagaccc tttcaccacc aaaacaaaca cacaacgatc   300
atcatgcctg agggacgtca atctcctgtt ccggagcaac agacggtcg ccagcagcag   360
gatcctcctg cctctggaaa gggtatcaac gagaccgata acaaggaccc caaggctcag   420
cttgagaacc tctcatcaaa ccccaagggt atcaccgacg atgaggtcga gaagaagttc   480
accaagaccg agaaataaat aaataatacc ccgatggta atgacttgat ggaattattg   540
```

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catggataga attaattaat cncgactgaa atatcttgna actgncaaaa aaaaa          595

<210> 2333
<211> 1172
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1172)
<223> n = A,T,C or G

<400> 2333
gcagggcgaa ttcggaaagt ccatcggtgg cctaaagggc ttctgcgtcc tcaacagctc          60
gtttaacgcc tttgatctac tctacagacc ttctgtagat ttacaaaacc tggctttgat         120
acagattgat caagcgttga agaagtgcaa tcgtcttgct ccatcctctc tgatagagac         180
gcttccatta gagttgatga gcagcatcta tctgcacctt cagccaactg atcacatcgc         240
ccttgggctt tgctctcgaa gactatggat ccaagcggtg actactattc accactctcg         300
ccgtttatca tcatgggtgg atacaccgat gttcattggg ggtagtggac agttgcttgc         360
tcttcggcag gccaccacg accaggaact tgaacttcaa tcacctcaaa agggaaaccg         420
agatgcagtt ctcgaggcaa tgattctgca gaacactcaa ctgtttgacg tgctgaagta         480
tgcgaagnat tcagaatttg ttacacgact atgctacctg acttcctcgg acttgaatcc         540
tccatacttt cgagaactag tccggctctt accgtcgact ggttatttcg gaaaatcttc         600
acccattgat ggagtcgtgc ttattccccg gggaatttga cgacaaaagg cagtggtacc         660
ttcgcgattt caccactaac gaatacatcc gaatggaact tgttcaagat cataccatct         720
ctgagcatga tacgatctcg ctaactagaa acccttggat gaccctagat atcttactga         780
tatggcttat tacatggcaa gcgggatatg acaaaccatc aaaagaagtc cctagaggga         840
acccaagaga ccaaatcaag aagatcttta ccaacggtgt cagcgttacc gcctccgata         900
ttgctcagat ccgtgcatat ttcatggaca tgtactttgg tcgatgggca ggccattctt         960
tagatgttgt acagctggtg cagagcaaga tggaaagcgg ctggactgat ataacgggtg        1020
agattcanga tgtctccaac actggtttgc tgcgatatac cttgaagcat ttctacttaa        1080
aagaaacgaa atatcttgag tactggggg cgttttgcaa aaagancaga tcaacaagtn        1140
tgatcacaag cctggtggct ggtgatgaat ga                                      1172

<210> 2334
<211> 288
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 2334
ctggaanaat tcgcggccgc nggtagaaag agaaaagcan gagggacggg catgaacgat          60
aggttgaaat gaggaaaatt tgtctattca aaacgaggca ttcattgcct ttccaggtct         120
tgccagcaag tcttaccagc acaatggcga ggccacgagt gggcaggaaa tcggagcgtg         180
tgtgattatg aattgaccaa ggatcttttg acttgtacat aataatacgg agtgtcagtn         240
tcatagctgg tanttaatga gaaatgaana cttgcccct attaaaaa                       288

<210> 2335
<211> 141
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

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<400> 2335
agcttctctt cttgagcgac gcggttgtaa gttngaaagt tttcctctac gacaacacaa    60
gagccactac aagaaaggaa gagtggttcg tctgtacaag tgggtagagt gagcggaagt    120
tcagaataga caagataaat c                                              141


<210> 2336
<211> 448
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 2336
ccaaactttä aacacgcatc agtcttgtca tcataccact caacgcctca aagatcgacg    60
ctactacaag atcaacatcg tcactggtca cattattgg ataaacccaa ttcgaaccaa     120
caatacctac tagtcattca gcattctagc agctcttcat aaacttgatt taagatctct    180
gcaacgccaa catcagctac caacctactc tcaaacaata tctacttnta tcaccaacca    240
accaaccaac cactttcatc nctttgatac caacaatcaa tcaatcaatg ngggtggtgg    300
agccaccaca acaacaccac aacnagacct cccagaaggg ttcttgacct tcaagcgaga    360
tccgctaaaa ttacgacaac ttctatacag nccctaanaa gagnggcgtc ctgtctgana    420
aaagtcacgc tttttctcgn gccacata                                       448


<210> 2337
<211> 550
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(550)
<223> n = A,T,C or G

<400> 2337
gcgtnattgn cccacctcaa cgcaatcgct tnanggccct ccgattctct tcggnttctg    60
cacctctccg gcaggagctt ggccatggcg aaccaagaga ctcactatgg cttcgacgaa    120
ggcggagatg acgaccagtc cattgtgtcg acgcgcggac tcgaggnttt cagtcgaaag    180
gttacaacta cagctactna tttgatcggt cctaatgccg aagccacggn tcatcactac    240
caagccgcca tggccgaggt tcacaagcaa atgaagcgac cgacggtcca gcgaagcatg    300
ttcgcgatgg caaggacaac ccccacagat ctcatgcgct ccaggctatc aacccacgaa    360
attcagcatc gcgccttgac gtatctgccc gaccaccttn tcgcaatatt cccgancacn    420
aaaacccgta tttgttattt tanggctttc aggccagttt nccaaaactt gcccaaaaaa    480
gcaaaaaatt tcanccgacn ggtgactngg gggcccaaaa tggtnggaan aattaaaaan    540
gggccccngg                                                           550


<210> 2338
<211> 555
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

<400> 2338
caatccaata aataccatct tatcccctgc nttcaccact tngctcacct acaaaccaca    60

```
ctcacactca cactcaagtc ttcgcattca gacttgcaat accgtcaaaa tgacttacac       120
aatgactgcc cacctctgca agcagctcta cgcttnatgg cgccagaccc gacagccttc       180
tcccgaactg gccctcccaa accagactcc ctcatctttg atgcgccctg cctctcgatc       240
tccttcacct cccgcccaac gctntgagcg acgtccatcg aacgcttcag actcggactg       300
ggccccgaac agacgtcact agacaacaaa gactcgcgaa taattgtttt cttactcacg       360
acttatgaga tgaagtcgac tcattgcatt tgggacacgg tcacggnatn tggcgcatat       420
aacttggtta cacctgacgg agttctccct ttacaacata cattgnctac gactttntga       480
aagacgccgg cacctacctt ttgacgacgt ttttcgaccc cgaaattttt accctgnaaa       540
ancccaacaa aaaaa                                                        555
```

<210> 2339
<211> 216
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 2339
```
tctcacagaa gaagcaatca aacaccgcct ttattacgaa aaaccctgtc ctgtatgtgg        60
ntgagtcata attgcgcgtg agtactcgag tttgattcat aattgatcaa acctgaaata       120
ccantaccca acaagagtca agaggaggaa ttaggtttct gtctnctgtg gcancggtag       180
ggcgtttact gtctgcatgg attatttgcg acagan                                216
```

<210> 2340
<211> 129
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 2340
```
naaagctggc cnatgaaacc cctgattngg cagtntccgg tnttccgatt ttgggnaaaa        60
agnggttgtt ttcaccccnc gcgaaatgct ttaaaaacnc ctttancttg tnttttnggg       120
aaattaaat                                                              129
```

<210> 2341
<211> 483
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 2341
```
caaccatacc catccatcaa gatctaaact tacagtgcta ataagcgcaa acactatacg        60
ctgatatcat ttgtggnttc tgtgcccctn catcattgcc ccacgttcaa ggttttggc       120
caacgacaac ctcaaacaca ggttcaatac accaaacatc accaaaaatc ccctccacca      180
ggatcgcaac cnattaatca ggtcatcatg gatcccctcg ataacatggg ccgggngccc      240
cggtgccaa gaactttgac gcccgagaat gcncaaaaac aacgaagaca tcgaggaagca      300
atttcgcttg tcaagggtcg tncancacat gcanacctta cttggtncat tcttcgagcg      360
gtgtcaaagg ggcttttccc ttccgtctna ccaaagatcg aacgacgaag attatgggag      420
cacccttaagg anggcctttn cccgagtttc gaacccgccg ccnaggtcaa cgagggacga      480
```

<210> 2342
<211> 136
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 2342
nnaagcggcc anccaggcca acgcgggcca cgacgagngg accgagcacc agaagccnca   60
catcaccaag aacaacagga ccccnggcga agnggcgaac caggaaccnc ccggggcgan   120
aaaanacaga agcgac   136

<210> 2343
<211> 552
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 2343
gcagtgtccc tgtacctgcg gggcgaatca tcaaccttaa acccctcagc gactccagca   60
ccaacgctcg cgtggggagc gcatttctcg aacgctgcaa tccctttaga gatattccca   120
acgatgcgcg actcgaaaac accctctgcg aaattcgcta catcgaccgt acctgcgcga   180
tttgatggtt ccaacctctt tgccggcgac gantataact ctgctccaaa ctgctgcgca   240
gtcttgaaac gcgtcccaat tgacttgttg ggtcctccgc gagacggata ttaaggatac   300
agtcagcgct attgcgcgca gaagtggang aagactctat tcctgatgan cctcatgatc   360
tcatcaaggt caagntcttg aacgacttgg tcagcgctgg aaaatgcncc ccancttaga   420
aaatggancc caatacccccc cacncaccgc cattgttaga anggcngaag atatgcccna   480
ctgacaacaa caacccactg cggaattgat tcgcgaatgg gcccgatcna anaaaaaggt   540
tcatactaaa at   552

<210> 2344
<211> 658
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 2344
atagcaagtc cggttncgt ttttggggtc tcttaccctt ttcccccttt atatttcttt   60
gtcccctca tagagcaggt ctcttatact tctaattttt gttgtctcta atcccaagaa   120
atcaccgca tcaacaatct cgaaactcaa ttcaatcaag ttgctggtca gcttagagac   180
aacatccctt ttaacgacat ttttgtttt ttgttatcca atcacgcccg ctataatagt   240
ctaattacag aaattcacgg atttcacttg ctcgtgccaa ctatcaaatc aacatttgca   300
ctcttttcag caccctgcta cccaaacaac ttcatataaa ataatcaagt caagtcagca   360
tgtcggctat tcaattttct ttctctctcc gcgtctctc tggcgtcaag actgtccacc   420
ttctcggtcc tgggacgggt atgccggcca gcttcctctc tccaaggaca aagtcctctt   480
caaagtccgg ctnctggaan ggcacctttc gattccagaa ctcaactctt gaggntggcc   540
aacgatactg gnactactac atcatcgacg ggtaccacgg ttggccacaa ccccagcgnt   600

```
accttaactg gtgagnccac cancggccgt gagctgnaca atcttgacgt ccaccgnt        658
```

```
<210> 2345
<211> 555
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

<400> 2345
gtggcaccag ccaaagcatt actctctcct tatcgcatcc atcgagagac aaggcttcac        60
cgtcatcgct ccgactttgg cctcggcagg ttacgatgac tcagtcgatg gcaaggcctt       120
ggatgacgac gttaaagcta ttcaagatat gattatgccg tatatcgata gcgggcggaa       180
gatcatcgca gtgggacaca gctatggtgc tgtaccgcta caggtcgctg tcaatggata       240
cnntcaggct gagagagagc agaaagggca aaatggtgga tttgtgtcag tgatatttat       300
cgcgccgact tctgtgttac agaaggatat ctccatgtac gactctgttg gggggcaagt       360
atacgtcagc ttggtttcat gatgtatccg aatacgccta cctntgaaga acgagaactt       420
atgggggctt cttactgatg tggacaagan tgtcgccgat gagataatcc cacactttgn       480
catcaaagta aaggcccttc gaagtttccg ttccttgacc ccggcggact gatcatccca       540
gatatggtgt tgtca                                                         555

<210> 2346
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 2346
ctcgacagct acactatcag aatatctttc tttcactcaa cttctgacta ctaaactgca        60
gcgagccgct aatctccttg actagcgctg acacctatct cctcttnaaa cccgattacc       120
acgttgcccg cttggctact gccttgcctc atcagcccca aatcaacgtt ctcagcaacg       180
ccaagaaggt caaagaccan tccacttctt aaaagtggag acgtggacaa aattccgctg       240
agctatcagc ctttgnggag acacattcgc atcttcgcgt ctacacacct acaacattta       300
taaccacacc catccatacc tttactgtac tcccacgccc tgggcccgat ctgatctagt       360
ggggcactgc gtacaagctt gagcttggtt ctcacgaggc ccttntttat aaggacgctg       420
acgacctacc aaggnactgg atcatttacc caaaattntt nttttttga cctcctccgc       480
ccctgnqnqq actgtcctat nttttttctta ccaataacaa caacattacc tnacatnaca       540
acaacgttac acacctttac aatggaaacg tacc                                    574

<210> 2347
<211> 549
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G

<400> 2347
ggttagaagt cctccgccgc gctgacgaca gctggctcta gcttagtgca tcatgggaca        60
ctctctgtac gcccgcacca cttcctttcc actacgatcc cctgcaacac agtgccacaa       120
gtgcgaacac gggcgcctct cgtaaagagg ctgcagcagc cgccgcatct ctgattaatg       180
```

```
gcggctcaag cacggagaaa cctgagccga gccctgagga actgcgccga catcgcctgc      240
gcgagcgcga ccagcgggtt cgtgttgctc tcagtgacca gagagtttgc gatgaggata      300
cgttccgcgc atctattgag gctcaggaga agcgtgcaga gcangaaaga ccgtgctgcc      360
gctgcgccac gcctaatggt gcattcaatg ccgacngacg tccgagcgat ggggtggttg      420
acncagcgaa ttctacccgt tgtnccngag ggccacataa tgntnatggg tttgcgaaca      480
ccctggtcca agcccacaag ngcaanaaag acaacggncc aaggaanana gaacattggt      540
tactttgga                                                              549
```

```
<400> 2348
catctttaat caaagcaaca agtccgtcac cgacaatggc agccagacgt tcacagttcg       60
tcgacaccac agccacagag gcacctgggc tctactatca ggacccaaga tacatctacc      120
atgttcccca gacttcgctc cnaaacatgg cccccgcgcc tattcgtatg accgaagatt      180
actacaatca gacgtatcct cttccagcaa ctcccccaac cccttacatt ttcaatgcat      240
gttgccgcgg tcgtagccgc agccgccgac gtcgtgcctc gcgccctcc aacacctatg       300
atagcgatgg ctcaacggat ggctatccgt catatggaga tgcccagccg acccagcang      360
gagtagatcg ccttccgcct ngaatcgctc tgaaacaact ctcagatttt ctttacgcgg      420
ctgntatttt ctacgataaa cagctcaacg aattcgctca caagcattat aatagcggct      480
atacttccaa caaagctctt cgccagttgc tatggaagga ctggatggcc cgacgcgacg      540
atgtcacgct cgaatntttt acgtctacaa agatcaacac cacaacgctg tttcccaggt      600
cyangcaact gctgaaatgc catggntggg a                                     631
```

```
<400> 2349
atagtattat tgcccgagta ctcactatcc atntgtacta caagagctct gntcggaaac       60
ancagaactt nttagaatat tcctatccta gggtcaccag agacatatag gaccagcagn      120
tattgcaagt ggttgttagg tacctttttg gttaccccaa anacgccant cccgnagggg      180
ttnaggccga taggttgaaa ggaagtntcg agttttttacc tnagttacct tacttacccg      240
caaaattaac ttcgaacaag acacacgccc ccaagttcac taaagccaga cgtcggaccg      300
gtccaaganc ccaaagaccc ctttttntc gtctacccc taatcgacaa ttcctnagtg        360
gcgnagccac tatgacancg tactgacaca ccccgtaggg gtaagactca anttagtctn      420
tgagcatttn aactnaagct cgatgataaa acggggcggg tccttcttct tcttttttctt     480
catttcttgg ntnaacttca tcggcattat attttcccna aatgggttct ggtcnaaatt      540
nctggcgaag cgngcccagg cnctgaaaac cttttttgg tttggacnaa atcaagggcg        600
acnaagtncc aaaaaaatga tnttgggttc gggcatccga naagaaaagn naagccctng      660
gngtggcagt cgtaaaaaag gttatgaanc ttcgaaagac cttgaattaa cnccaatccc      720
cccaat                                                                 726
```

<220>
<221> misc_feature
<222> (1)...(811)
<223> n = A,T,C or G

<400> 2350
```
actcagctta tgacggccca tcacagacgt ggctatcgtt atccccactg agaactttaa      60
gaccgagaca gtgtcttcct ccatcttgaa tctctacttg gatctatttt tctgtcaaca     120
attacttggg aatagcctca gcacaaaatg ggttcccaaa tcgcagagcc agaagaaatt     180
accgtgcttg tcacgggctt tggtcccttt agggaacaat atcccaccaa cccttcgtgg     240
gagatcgcca acagtttgcc gtcacatctg ccaccattgc gtgccaaaga tcctaactcg     300
aggcacgcgg ctgctcttct accaaacgta cgcatctcag tacatccaga gcctatccga     360
gtcaactatc aagttgtgag aagcttggtg ccgcattcta cgatacgcct cggccattcg     420
acgttggtat ccacattggc atggcgggtc cgcggccttc tacttcatcg agangagang     480
tcaccgtgac gggtacaagc cccagacgtt gatggcgaaa atattgactc ggacgaaaaa     540
tggtnaaaag gatgactggg gccttggcga nggataccag aagagataga aaccgactgn     600
attttgacag gttctttttt argnaagggc ccagttcaaa gttgatgatc rccgatatcc     660
gaanagcagg nactactggg cantttattt actattcagt tggcaaactg gggaacacaa     720
ccggcaaaaa ananggggtc ttcntgtccg gnaangcttt tcttaagggt ganaagggag     780
gcttgcattg aacctgaacc aaccatggcn a                                   811
```

<210> 2351
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 2351
```
tttgatttca gcaaaaaaag cccatcaatt gagcttcggt catggtagac gagaatacca      60
cgtcgaactc ttccgggaga cccgctgccg gtgtaagctc cggcttcagc gccccgccct     120
ccggtcatgg gcttcggcgt tccatgaccg tgtcagtcgc cgaggaagct gcatctgcat     180
ctcgacgtca acccccggca tcgcccagct tcgattcgat cccccttcgc cgcagttcaa     240
attttttccga gtacagcctc aatgaagctc gagatttcct aaacccccaa ccgcgagatc     300
ctagtaatgg cgattcatct ttgacagagg aatcatcgtc tttaccgtcg ctgtctttgg     360
cttttgcttt cctaccagct atttctggtc ttctctttaa gaatggcagt gcggtcgtga     420
cagatttcat gctcctgggc ctggctggtg tttttctcaa ctggtccgta acgcagccat     480
ggacttggta tcactcagcg cagcaagttc ggatacagca cgaagtggta acggncaatg     540
tcattgacga tgacagtgan cttggntcca gcactcaagg gtccgggggc caactcaact     600
cctgaccatg ttccaaaaag atgaanaagt gca                                  633
```

<210> 2352
<211> 679
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(679)
<223> n = A,T,C or G

<400> 2352
```
acgccactgc ctcgcatgat tattctgtga gcttgctata tctaatgata gcagatactt      60
tcagcattct atcattaaat atcctttcaa tatcacaaca tcacaactca taccatggcg     120
aattcatcaa agactgtcgc gttcttcggt gccagtactg catagqact atcagcactc     180
aaagaaacct tggctgctgg tcaccactgc atcgccttgt gccgagtccc tgctaaactg     240
```

```
gaaaccctca tcgcagaaca tgccaatctc cttgatgttg ttgagggaaa tgtttatgac      300
tccaaggccg tgagcagctg tttactcaac aaggatggca accttgtgga cgagatcctc      360
ttctcaatcg gtgccaaacc tgtcctctgg aaaatgactc ttgatgaccc caaagtctgc      420
caagtcggca tgaatgttgt tctcgaatgt gtcgcgcaac tcaaaaacaa aggcgctaat      480
ggaaagccac ttatcgttgc cctcagcaca actggcacgt ctcgctttgg ccgggattat      540
cccatggcct tgttcttgat atactgctac gctttgaaag tacccncgaa ggacaagatc      600
gccatgggaa gaaaatttgg ctnggaagtg gcgaaaantt ttgcattgtt ngaaaccatt      660
tgttngttta acgggcaaa                                                    679


<210> 2353
<211> 592
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(592)
<223> n = A,T,C or G


<400> 2353
gatggacaga gagaacttcc cggttacagc agttctcaaa tcctccaaga aagcatccac       60
tctacgctca aaatacctcg gagagtcaga cagcgaagac taccgcgttg aaagccaacg      120
aaccatcatc actgaattcc ttgaggctgt tcacgacttt atctcagaga gctcctccgc      180
tatacctcct cctccaccag ccgacgatga agagggcaga gatgtcngca acagcaacag      240
cagtttcgcc aaccctgaaa caattgcttc atctcctcac tcagagacaa acgaacctcc      300
catcccagac tacaatgcca tcggtataac atccacaaca cccttcgcat ctctcttcgc      360
cacctcgcca agaaagaact ctccaaccat gaagttatcg aaacagccta ctctcgcgcc      420
atggcgcctg cacattcgcc accagantct cgagtcccca cacgcttcta cganatgaag      480
gtcatcaggt tcatgcctcn gaaacagcac gggtgagcat gatntctctc naacggcgca      540
gtggngttct cancaaaaaa atggaaggtt tcacgcncca cccaanggtt na            592


<210> 2354
<211> 543
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G


<400> 2354
ctcaacctca caattcttct cactcaacaa cagccgccgc accgtcttgg cttccacgcc       60
caccagcaaa gcagagaatg gctctatcat tcaaaaacct cgtgagctcc gtgctaggct      120
ccggaactgc caaggacgac aagccgccat cggcatcgga gctgttcgtt aagacagacc      180
ccaaggtaga cggcgaggag tgtctgcacg attgcgacaa ctgctcggcc cggtatccaa      240
ggggctttaa gatcgaagag gaggatgtgc tgtatggtct cgttgcagct tggagtacgc      300
atgttcttgt tgggacggga aagacagatt gggtgaggga tgtggaaaaa naaaaaggca      360
gtgtcatgca acttttccca aagcagttga accttcnaat ggaaaactca agctgtcggc      420
atctaatatg cccactccca tgaccagatg actactctga accacnacac ttctactctt      480
gcgggcattc aagctttttg taatggcatc ctttcagcgn gcctaaatat tacagaggca      540
tna                                                                     543


<210> 2355
<211> 112
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
```

<222> (1)...(112)
<223> n = A,T,C or G

<400> 2355
ncatgccctg gntgncgatt ctacttatgc ggntagtact agganaatct tnaactgcac   60
cgactggnct tctganattn gggaatangg cttttgggaa aaccctattg gc   112

<210> 2356
<211> 748
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 2356
ttttcttctt attctttcgt tgtgtttgtt gctgtgcccg tcatatccca acatttagtt   60
aaacaacaaa atctccgtcg gtcaccatga tcatcacgcg cgccctctcc atcaccaact   120
ttgttgtcgc cagctcagcg ctcagcttcc aggtcggtgt gctgtaccca tggcacaagc   180
agctggatga cgatttcgaa gccctcaaga gagagcatct tcgcgtcctg accgcagtcg   240
agggcaagat cggtcgaaca caagaacctg cccttcttga agagaaccga ccgggcattc   300
tgagcatgat cggaaacttg gcgccatgga aagcctgagt gcagagccga cttcgagacc   360
gttacccaaa acacaacaca acaacaacct cgcataccca gccatcatgg natcgaaaaa   420
caaatatata tcagaaaaaa gaactaaacg attcaaaaat ccttttccga cgacgaatta   480
catggtgttc catctgtttt gcatcaggcg ttcctcgttt ctggctttca cattcactcg   540
ggcataaagt gggggccggt tacgggtcac gcganaccgg nttnacccga cgaaagggat   600
ccgaccggnt gcgaattgat taatggtcat cagttaggta tcggcacngg atatatttcg   660
catattgtta tgtttagatc attcatatcc atcgtgtttt agtttgcggt actgttacta   720
ctaaataaaa tatttacaag ctctcgct   748

<210> 2357
<211> 556
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

<400> 2357
cgctcatcac atacttatta aaaqggtcaq ggtcctaaga actgaacatc tttttcctaa   60
aacctgggaa acgaatccgc caaatccgcc taagcaaaga agaagttcac actaatccac   120
gggaagggaa tggccnatgt ttcagtactt taaagaaaaa aagaaaaacg atcaaactac   180
cgtccatgat gggactcttc aatgagaaac cttccgtcac ttccaaaat actctccctt   240
gcccaggtac cactgtacgg ggttataant ctcgttgttt tgtccaatgc cacccagata   300
tcccacgtcg tcgagaactc ctgctccgta ttctcaatat gatcccgcna ctgaaagaca   360
tcaccatcga tnacttcgtc aggtcccca anaagatact tgtgttncca aagatccata   420
cacgatccc cncttggtt tagcatncaa gaaaacgcca aaatccactg ctgaagatcc   180
atttgtctta acctccggtc gggannaata tactgaaccc ctgaaccttc cnctgttttg   540
atgccaacat gatttc   556

<210> 2358
<211> 160
<213> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 2358
ngacagctac agaanttaga cttgatgcga nngttacaag naaccntgac gggctnagac   60
cagcaggctc gaggtagaag aacntggcac catntacant gcaatagncc atnatcaagg   120
acaaggaggg tantcctcgg accaacanaa agtgaacttc   160

<210> 2359
<211> 575
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 2359
gccgcaggaa attttttttt tttttttttt ttttgaacc caaatcgaga ctgtattgaa   60
aatgagattg tatgtagtcg cttctaatac cgaaatatga acccatcttg taacgcccta   120
ccactattta cgttctaagc ctgccttctt ccactgtacg ctataagaaa cccaagcatg   180
aanagtgcaa atacatagtg caccatccaa tagtgagaga atttcataac ttgagaccaa   240
gacaaatcgc tcgaaaaaca ccgataccgc cgaataagga aaatctaaca aaaagaaaag   300
aaacgctgtt gcgggatagc ccgtctgccc gctattcctt gggatacaac tcggtgggta   360
ccttgtcctt cgggccccgg ccactcgagc tacttcctat gatcgtccga tcgtcaccat   420
cgcgctcagg gtcgtattcc ccaaaatctc tggtgtcggg ttggcgaaaa gggttcccaa   480
aacgcgcggt agcttatcga cctcattatc cgactcggta tctgtctcgt gctctgaatc   540
gaacagtcta cgcgcgctgt ctcatcctcg ctgtc   575

<210> 2360
<211> 459
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 2360
acctccaatt ttccggagga acagcgtgcg gacacagcat gtgctttaca agattgggca   60
gatctttaaa caccgacgat acggctgggt cggtgctgtg aacggttgga ccgaccaggg   120
tacgcgacgt ttacccatgc cacatactgt ggctattgac gagacgctgg acgataacag   180
cgatacagaa ctgcccaacc ggcttngacc ccgcaacaag accttctaca cgtgcttacg   240
cacaacaggg cccgaacgcc atgttgtcgc cgaggataat atcgtgttga ttgaggatnc   300
gagcgagatt ccagattctn tgttcggcag gctgggaaat tttcaagcga tttgatgccc   360
gagacatgca caattcgtgt ncaacattaa ggaacaatac cccgacgact agaaggacgn   420
aaatttttac gctttcagan ctttcgtgat gccgtgggt   459

<210> 2361
<211> 671
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 2361

```
ctgggnttac actaaatcaa agggacttac tctggtcgca taaacgaact acaatcacgg        60
cgggacgaaa tagancattg gcaaaaagac caatcatcgc atctggttta agtatcaccg       120
catcgcatcg caactacaat cgaattgaca ctcgtctcaa catctaatca ccaacaaacc       180
gaccactctt tgcgcaactc gaagaaccct ttgtcgccac catgacagac acaagtgaca       240
agcaatgggc caagggctta tctacttgat cctttaaacg aacctgaacc aaaccaagac       300
accggtatcg gcaacctttc agctcaattc cgcagttatt ctctagaaag ctctagctca       360
acttcaagca aaggtcgttc cgagagcaaa aacaagcatc gatcaagccg taaacatcac       420
gggaaggtta tcctacccca cccacttctg ccagtccaac tcgcgacagc tttcactatt       480
caaacccatt ctcagacgct tgcaagcttc gcgacgggaa tcatctgtcc cttcaagtct       540
caaattctnt tcaccaaact tttcttctgg cccaaggtaa taacccattc actatttttt       600
tgggcaaccc ggtcancccn gcgcccgagt ttcttgcnat tgnaagcccg ancttaagtn       660
caacacaacc g                                                          671
```

<210> 2362
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 2362

```
atgacatgct acatgactgg tagaaacgtg ggtggaaaga agagcaagga gcccgatatc        60
accgtggcct ttttccgagc caagcacgac tcgatattga ccatttacga acctaatatg       120
gccgggttg agattgagga ccgaagaggt cttgaaatca ctcttctaat gagtgcagaa        180
accataaaag atctctatat gaacccaagc caggatcctt tcaacatcct tacctcatcg       240
aatggccgac gtcgccagaa ttctcgtcca gcagcaaact cttccaccgg accaacaatg       300
gctggagcct tgaacaacaa tcggccatna tcacctnctc gcgcccagcc cgcgcagcaa       360
accccaaaca cgatgctca acgccaggcc ggggttgaag ccganacaaa acggttacaa        420
gccatggtag cggaggagga gcgtganaaa ctggagcgtg agaaggaaga agaggaagag       480
ccccagagga tccagaggat gctggaaact gangaacaan aacgtcggaa gcggganggc       540
cgaggttgat caaganacgg anccctacnt cnagagtttg gcatgggccg gccaaaattt       600
cnacaaccaa acaggcgcag gncanccatc ancaccg                               637
```

<210> 2363
<211> 345
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 2363

```
acttttgag accaactggc agcctcgaac aacaatatga cagggtgttt gatcgacagg         60
ggaacttgta gttgtttcgc cttgggcttt ccgcccgcag gaggtattgt gatcttgcat       120
gatgttggta aatgctgtgc ttacagcgag gacatgggga ctgagactgt acacacgttg       180
aagagggcag ggtatatagc gggggagcca acgaatcacg gccgataacg acaatgatga       240
taacgataat ggtgctcctt tggcggaatc ttcggtatgg tttggttatt aaaaggcggt       300
caatggnggg cgaaggtata gagaaagaat tgaactgatt ttggt                      345
```

<210> 2364
<211> 1008
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(1008)
<223> n = A,T,C or G

<400> 2364
```
gggacggctt cttaagaact tcttcggctt caatcaaacc acaaaggggg cttcaatctt      60
ctcttttccg caaccaaacc cgggaataag ccttcaagcc acctgcagag cccggtgtta     120
ccgtaccgta tcttaccgta ccttttttac cgtttcttga agggaagcac ataccgcatc     180
tccactatcc ataaatcgaa actgaacaag aagctccacc atttctgttc cacacacccc     240
tcccctggaa ctctcacatc tctctttttc tttttttgc tcaaggctcc agaagcctag      300
tccaagagac agagacagac cccccctggt caactttctn atccttctta aactaagcac     360
ccatcccctt gaaaaccaag cccgggcgaa gtaaaccaag accagaagtc aaagcgccaa     420
cacattccca tccacttgaa acaaacagaa aaaggcttta gcttccttgc tttgtgctcc     480
catctttccc tttgtataac caaatcttct ggggactctt naaaaaagaa caactactgt     540
tgctacctac tacatatata ttcacactac ccaccacata tcatancctc tcttctctcc     600
tttcatcatg tctggcagac cttcaagcca ccactttgga tcaaacagct caacatcatc     660
ttctcgctca tcatcatcat cctcttccga ctcgggttac agacacagca tggacgccat     720
tgctctcccc atcgcctcag ttgaagttgt tcgctgcatg cgatgcgctc gctccgtcga     780
agctacttct accgacgact cagcacaatg ggcatggtcg catcgccaca acctttacta     840
ctgtgaacgc tgcgcaaaga tggtcggcta caaataaatg gatagcgtca actgcaaaaa     900
ggttgaaaac aatttcgaaa acaaacagca cacgaaaatt taccttcgaa actggcttca     960
gcttctaatt tcctccttct gggtggaagg gaacaaatca tcaaccaa                 1008
```

<210> 2365
<211> 499
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 2365
```
gggaatggta ctgagaggcg ccctctgcga accatcaaan cttcgattgc caagctataa      60
ggatatcgcc gaagtcaaca tttcctcaca atcaggacaa tatcgtctga tggcctatca     120
aaatacccaa gatgtccttc cgttgtttta cttgcccgag cttcacagtc tttcaatagc     180
ggttgacagc ccagaagagt tcgaatggcc atcgacagca ccccgggtca catcagttcg     240
ctctttaaac ctctataggc tcagagaaat tcgccttcgg cccctcatgt cggctctcaa     300
gaacattgaa acgctcaaat gggacttgtg gtatcagcaa gaccttgata agacagtgag     360
caagccagtc gtacagcttg tcgaactggc atcggccctt tgtctcatga gcccgactct     420
tagagacctg acgattacag gcgacagttg cccagctttt tcgtgtggcg actacgatcc     480
cccacctctg tacttcgag                                                 499
```

<210> 2366
<211> 463
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G

<400> 2366
```
taagtgtggc cgacttgatg acagctaccg atgagagagt atgggatagg atatctggat      60
acacaatgtt ttcaacacac ctgggcaacc aaacatggaa ggtcacgaac ccgcttggca     120
acacgcataa cctggaatac cctcgcctgt accccgacaa gacctacgac cactacctga     180
```

```
cgattatgac gcttttacga cgttacgtct agacagctat actggcttct cctcatcagg      240
ctgtgtacat cgccagcgat gggaggagtt gcctctgcga ctacaaccta ctactatacc      300
caccaaataa tttctgtcta ggcgctgtcc tggcatgacc gngacgatga agacgatatg      360
gagacgcccg agtncggcta ttggactatt ggcacgcaaa gcaaagggcg gntgaagttg      420
gagtgaaagg ccgcgttgga atggaaaaga aaaaagttac aat                       463


<210> 2367
<211> 643
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G


<400> 2367
cttttttga ctataattat gacgctcaaa gctctgcatc gatttattta ccctcctta       60
cagctggtgt gaacgtgggc gtcgggtggg cggtgaatga atacctcact gccaacttac      120
ctagcatcga acaaagaccc aactcagaca acctgcgccc agcctgattc tgagtccagc      180
gcatagattt gctggacaac acctgcgact gataggcttt gtttcttgtt caattatcca      240
agggaaatca ggtcgataat cgaaactatt tcctcgtcaa actcatacac atagacaaca      300
atattctaac ttcatcctac cgtcatcatc acaccgagcc ggcgnacgcc atgggccgac      360
gaacgctccc gatgccagtc ccaagacgaa cccttaacgt tgagacaaac gaagacgcag      420
agacacgcgc cacccgtcgc gaactaaagc aatcttccat ctccgatcct tcaacatctg      480
gcctgaagat gctgccaaca cctcggatgc gcccgataag gatatgaagg agcagatcac      540
ttacctaaga agaacgagca catgatcaac tagatgggag caagaggaag aagagaatga      600
tccaatgngt anttcgtccg atcggcaaga aggtcctacg ang                       643


<210> 2368
<211> 569
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(569)
<223> n = A,T,C or G


<400> 2368
gttaccctat ctctttgtca tatggtcctt gagaaagagc tttatcagca ataccaaact      60
ctctagtccc cgagatcgcc accgtttga tgattaacac taacttgctt ctccccttg       120
gcatcgaata gcgctccacg ccaggacagg actttcaact tgcatcgtcc accaggccga      180
cttgatacc tcgatttggt tttattcgtg ctccagactg ttaccaacac tgcgtcgata      240
cactcgctgc taaattgtnc tgtactccat cacacgccac atacaatgcc aacgccatca      300
tcgaaccagc ctgtcgaagc accttcaccg cgttcctata gtttctcaac atgtcctgac      360
gacgtccaaa gccaaccaca ccctgcctgg caagcacgca acgaaacaa gcccgtgctg       420
atgatgttgg tatccagtcc ggnancgtca acgcgccaac tgcacctggg tgcccgaatg      480
acganaccat catgttcgan ngtcgcccat caaacgaact atcttcaaga tctacaacca      540
tattnccacg ccccaaaacg ccacaacta                                       569


<210> 2369
<211> 633
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G
```

<400> 2369
```
ggtccanatt aggtatctta gggaggaact gcaacatatg gggctntatt acaacaacca        60
gccanaccct actgctttgg agttcgagcc ctcggcagct cctcaggacc ccagagatag       120
tggaaacttc gactcgcttt ctcacctcaa ctcgccaccg nacaaccagt tcccaccacc       180
cgacgactca ttttctggct tcagncgcgc aggattcggt caaatattgt ttatggacca       240
caatgcggct gacaatgccg acnatcatca gtcanaagcc gacttcaggg ctaatgccgg       300
acctntcagc cctactgccc attctnttat cccttcaggt atcttngacg anacatttga       360
ggatgctgcc gagcatctgc caaaccaata tttgccanaa tctgttacag ctgcanaaga       420
ggacaatccg caatcgccgc tgtcatcgga tggacnctcc ctgaacatgt tctccanccc       480
tcacggntaa ttttacaact tgccctttcc ccagtacaan gacntggact cttaatcgct       540
caacatnaac ttatnttccc agaaccgttt ttccataaag cacaaacttt taagttngnt       600
ggctaacttt caacgcagta gagggccaaa cct                                    633
```

<210> 2370
<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 2370
```
gtgaccaatt ccactaacac gacctttgta cttatctcag gccattaatt gtactttacc        60
ctctttgcgc gctgaatcga agcaccgtct cttcgcctgt cgcggttacg cttcgatttc       120
attattctga ggtcatccat attggtcgcg ccgcgcctta tcttccctac gataatagac       180
atcatcatac acgatggcct ctcaacatga gcgcagactg ccatccaagc acaacatcct       240
cttgatcgag ggtgttccag atcatatcga tatggtttcg cgtcgacgcc ttgggcaaac       300
taagcttacg cctaagatga ccggctctaa cgactccgaa cttggtgtat tcgactacgc       360
gcatcttcgc gctcctctgc ctaagggcat cgtctctgga atcttcaagt ccagccctag       420
cagctatttc ctcatgcgac gcagttatga tggttacgtc tcggcaactg gcatgttcaa       480
ggctagcttc cctatgctga agcttccgat gaagaagcag aacggaagta tatcaagtct       540
cttccgacta cganccacga aaaaaacgcc ggtaacatct ggat                        584
```

<210> 2371
<211> 504
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 2371
```
aattaattaa ttgactcaag aacaacattg acaaccttat caataatcca atcactttcc        60
aagtctaaga tgctttcttt cgtaaactac actcctcgaa ctcatcccga gcacaaaaac       120
aaagaacatt gccgggtaca ctctgatcca tccaacatcc cacgcgatgt ctcccagaaa       180
acacccgtcg ttgaancaa gtcctccgtt caagatcta ctggtcctcc tgctcccacg        240
actcaagctt aagcgatgag cataggcatt ggtctacga ggcaaatccc ttgaacagt        300
tcaacggaag gatacccgtg gagtacaagg cgttttatt agctggttcg ctgcaacaat       360
atcgataatg ggatgcaatt ggcatgtatt tgtctgttca acaggcgcac ttggtgtaat       420
gaggatatag taggaaaat gaaccatggg caaaaatcat tagctacttg gggtagcttg       480
grtgggtttt ggttnanaa aaaa                                              504
```

<210> 2372
<211> 575
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 2372
ttttcgcctc caattttttg aagagtaatt cgccccctca ccagaaaagt aagacaactt   60
gttcttatct cttggccaac tctccaagtt ccgacccagc caacgccaag acaaccgctg   120
atcttggcaa tgatacagtt cgaaaaagac aatatccgaa atgatacata cagtatccga   180
cacaccacat ggggaatggt ccgaggttat ctacaaccgc tcacttccga ctccgatcca   240
atgagagtct cggtaatcaa tactgcttct cttggcgcat gtcttggctg tcggccgcac   300
acactcacgc tctgaccgtt ggttttgggc gtaaggatct tttgtgctgc cagcagccac   360
tgactctcaa ttctaccagg accttgtttt gctgtgacta agaaaaatct gaataaggac   420
aaaaccgacg cgacgagtct ggggaaccag tttgcggggt aaacttgacc tggggaaacg   480
tggcaacttt gttggagaga tggaatcccn caagtcantt ntttgcaata gtttttttga   540
ctgncgccgc aaaataaaga taacctctct ggtcc   575

<210> 2373
<211> 296
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

<400> 2373
ngttgttngg gtcactcttg ttcccentta acatgccaaa gcgttnggga aggatctcnc   60
cttttgtttc cttcccatgt tgatcggttc gcttangcag gtatgataca ttgngttctc   120
ctgggtcatt tgtttaaagc acaccttccc aaacagatat tggttatttg tagatcaggg   180
gtttggcaac aaccagagat caaaaccatt actagctctc gatcaaggtt tctgtganaa   240
ggcggaactg acaaatacct taataaataa tgcataggta ataattgctc ctctcc   296

<210> 2374
<211> 258
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 2374
nttgtaacca cttntcttga tnactacata ccattttcct ttgtcatgcg ttgannaaaa   60
aagttagggg tgcgtctttt gataatggac gactgcnctt ttgggctccg atagacggaa   120
tgctctgtta nactaccacc gnggaggaac gaggaaatga catggggat tggaggatcc   180
caactgtgtt tganccctca acatggtggg tttggaggtt ggcaaatagt tagagccaaa   240
atagacttga ttacgatc   258

<210> 2375
<211> 650
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

- 900 -

<222> (1)...(650)
<223> n = A,T,C or G

<400> 2375
agcgaaaacg gtccagcggt gcagcaaaga ttggagagcc gcaacgaccc ggcaaagtac   60
aaaagcataa gcgaacatgg tccatgtctt cagcaagttc tgctgggggc ggtgcgagag   120
tgactatgga ggaagactta cacttcaagc ttcaaactct gcaggacatg ttcaccagta   180
cacgccctgt cagtgtatta tttctcaggg gtgacgaacc cgacgacccc gatctacacc   240
cagtatctct tcctggagat atttcacccc taaccaagcc aggcgaaggt cccaactggc   300
aggccagaag tggacgaagc tccgccgcag gttctatgat atcgccttcg cctagctctt   360
tgtccctagt atcacaggcg tccggaattg gcgcaggcaa tcaatggaag aattttgact   420
cggtgccagg tggtgaaatg tcacgcaagg gctctgagca acctacaaga attaacaagg   480
gcgacgatga gggcagcctc agtggatgga tcgaggccct angcgtcgac tcatctatcg   540
accaccacan gatcgcagcc cgnaaccggt ggnctgcttt tacattcaac aaccgaactc   600
gnatgactct tggaaatgct tnttancacc gngctattta nctggtgcng   650

<210> 2376
<211> 204
<212> DNA
<213> Fusarium venenatum

<400> 2376
ggctctgaaa tatgggagtt tcgtgtggcc cgcacgatgc gtttatgaca atgggtacat   60
gaacttcttt ttttatgatg ggtcttcggg attcacggcg atagaaagaa tggactcctc   120
agattatggg tgttctggtt tcttaactca tgagcgaggt aaattagccc gctcaacccg   180
aataaaatat cctcatgcat catg   204

<210> 2377
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 2377
atttcaccat tatcccctta cgaaactgct ttctctccag agttgaccat atatcattgg   60
atacttgatt caaaatcaac acagtccatt cttatactac attgtctcca gttgcccttt   120
ctgtcttttt cggttgttgc tccctggatt tgacttgtct ntttcgactc ctcagcaacc   180
tacactatcc aaacaacaac aacaacgctt cctagccaag actaccggaa cttgcctgct   240
tttctacatc tctgcagtat atgaactcta caccagacgc cttgctacct atacatntgn   300
ggaaacatcc gcaaattcgt caccgccaaa actacgtctc tctcctttg caaacgctgc   360
tgagtatccc tgtcgccttt caggtacaca cgcaacagcc cacgagaaac ccattagtct   420
cgtgttccta aaagcggagg caattctgag ctatcaatcc cttcttcagt cccccgagtc   480
tanacaggct ccgcgactag ccatcccgtt atttagcccg cttcacttca ctacgcctgn   540
gctggcccac attcagcaca taacatagta ttagagtccc ctggncatac caacaggcgg   600
ttttctacca antctncaac tttacnc   627

<210> 2378
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 2378
ccgacaaaga ccaccaatac cgccgcatac gttgcaacca ttgtctcagt ataacttgcc   60
ttggagaaaa tagacaaggc acccgcaatt gcaaaaccga aatactcacc gtcactaagc   120
tctttacaac cgtaacctct ggcagccgca taaccagcat cggcacgacc agcattgatc   180
cccccaagaa tactaccaaa aacctggcta gatccaccat cggagatacc tgttcaggag   240
gctcgttatt gaaatatttc tttgtacggt tctggtagtc gtggtttacg ttggtcattg   300
agaaagggag atggcgcttt agaacttcgc aaaggttatc ggtgggaggg gtccggcgaa   360
atgacgatag gccggagcct ttgtcgacga attggtaaga ctttgcgctt aaaacgcgtt   420
ctaaggtcga gacgaccacg ttgggcttga aggcccgtga tgggggggtca agcggntcaa   480
gtttcataat cgcggattgn aattgcaatg gggccggtgt gtantggnca atgagtttac   540
gatgatttgg cccgaagtnc tgaattgggt aagacttgcn aaggatcact   590

<210> 2379
<211> 478
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 2379
gttgtcctgg aatagctatg atgtttctct tgcacctttc atcacattgg tgtttacgac   60
caagtttaga ccttttgggc gcagcctcac cgcgctattc cgaaccctcc ccgcatcatc   120
gccataccccc ctcaattgtc gtatcattgc aactgcccaa gggaggattt gtttgcggtt   180
gttagccgaa aacagaaaac aggctaacaa acagccttga cgtncaccac accacatcct   240
cagaccttga ctcgtctcca aaatgggcac aggaaatttt cgcacgacgt ggcaaactta   300
aattctcgg gcgcaattgg agacgaaact ttggacctcg aactcaacag agatttaacg   360
ttatggcggc gttcgaccgt gagaatgaaa tgatattatg aacattgttt ccatatatta   420
actttgacag ggggattctc aatccanacn atggctctgg ttganttcgg gatacttc   478

<210> 2380
<211> 568
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 2380
ccccccgaag ggccaaaang gttcaggcct ttactggntt ttttnggggga ccagagcgca   60
cagagtcctn cgaagccagn aaacctgtgt ttggcgctgc caagtggana aagcgtgagg   120
ctgcccgnga cgctggcgag gcacctcctg ccgaaaggtc ccgattctaa tgaccgacaa   180
tctgccggng gtcctcccan aatcgccctt gctggcaaca agcccagttg gcganagcgt   240
gaggctgnta aacaggcggc cggtggtagc ggagccgata ctggatcttc cgcccctcca   300
cctcgcttcg cacccagggg tggtcgccca cctatggacc gaagcggctt ctggccgtgc   360
tgatgatgat cgaaagccgt ntccaactcc tccagcggaa tctcagcctg catcacgaac   420
aggtggcaag tgggttcctc ctcacatgag gggcaaataa gtggttaggg atggcatttg   480
cgactcatgg cgttaatagt tttgcttcca tgtaggaaaa gtagtagtag tccttatgaa   540
tcaatacaag cgactaagca cactgaga   568

<210> 2381
<211> 350
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 2381
gatcatgggc cagcgagaga caagccgcct tgcngngggc atanctcana gtgcaattaa   60
cggtctanga agcctcagtt ccgggttcag agataccatt ggtcaagacg ccgatgtcat   120
tgccaaagcg gccataanag ctgcgcagtt ggcgaaggag ggaaaggcac cgancaagta   180
ttggattctc aacgcaagcg atatcattaa gctgggcagg actgagtggc cangcaatca   240
nactgcagct acagagacca anacggagac tgctgcatan agtgcatgga aaggaatgca   300
ncggcgttta gtgtcttact tggttcctat ccaaaatgaa atataacccg   350

<210> 2382
<211> 110
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 2382
ncacgacgca ccaccgtagt gaaatnccta anatngcgct tnagcaatcg cgttggnaag   60
acangganct ctgnccggtn ctctttcaca ggncncgaat ganccctaca   110

<210> 2383
<211> 289
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 2383
tttttttat tttctaattt attttacctc atatatttg ctcatttctt cggcctctct   60
cctggttcct tttcggtacc tctttccctc catcaaatgc tcaccgtgag cttctctttt   120
ccaaatcatn cgncggcatg anccgaaatg gaaaccggnt ccgccgtaaa atcgcccggc   180
cgaggccttn gccnttcctt cggcggagcc cgttgtcgcc gatnnacttc cggcctntga   240
gcttganaan agttcccaaa ancggaaaac nccaacccaa cgtcaanaa   289

<210> 2384
<211> 354
<212> DNA
<213> Fusarium venenatum

<400> 2384
cacatgtgca agaggtcgag gctctcctca aggagaactc cgaaggccca ttcttcctag   60
gaaagatten tagctatgct gattttgtct gggtgggttc cctcatcttc atgcaagcca   120
agcagatcat tgatgaggtg tacaagatca gtgggtgatg ctcagcttca caaggacctc   180
ctagaggcta ctgctccttg gcacaagagg aangaccact aagttacaaa gtagacatgg   240
ctcgaaaaga aattccaaag atgatggacc aagaactgga aaagcaatac tactaggcta   300
ccagtgataa aagacccaga cataaacaca ttcattctta ttcgtgaaaa aaaa   354

<210> 2385
<211> 147
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 2385
nnttaggcac atatactgaa catttactga nttgacgggg tatgtnantc taaaggnttc   60
gtcttgaana aatatgtnta tcntttgtgn ataccaagan ctnattgaat taagtaanga   120
ncagaatagt gctctgggaa tactcct   147

<210> 2386
<211> 297
<212> DNA
<213> Fusarium venenatum

<400> 2386
ccatggacat gtaagacttg gtataatggt ctattgagga gggtaaaagg catacactaa   60
gcgctttata tttcttattt attttctttt gagaatcttg gagatcctac agcggattag   120
gatgggactc ggcgtttggg gcacacagga tggaccaccc atgagcggtg ctactgcata   180
acatgcattg ttttctttga tttagtttca ggacgaatga tgacacagga aacttgtgta   240
gctagataga aaggtttgtc gccgctcgac accacaaata caatatttga aggatac   297

<210> 2387
<211> 103
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 2387
ngccnaactg nactnggatn acaataccag gttncgacag atgattgtct tgacggnatg   60
acagaanagt tgngatcatt ccttngantt gcatactaga cag   103

<210> 2388
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 2388
attgttgtaa ggtactctct aaacactaaa ttcaaggatc catatatgtt acaaacttga   60
tatattgaat taatgttcac aaaaaactaa ggttctcaat gagtccacgc tgtggacacg   120
ggctgaagtt cttctaacct aaagagcctc aaagtcgtat tccaaacta tccaatagcc   180
tataaagtct cacatgggaa tattgcctcg tggatacaga gcagggatta cgcatatagg   240
catccagcct gagtgagttt taatacacat ctagagtgag gctgagtggc gacacagata   300
tactgacaat tggtccatat ccatctcgaa tggctgcctt tttgagttgc cttgaaactg   360
cgaacctggt gctgttgtta gtgtgcagtg caatatgcag ggagagactt gcttgacagc   420
aggragctaa aggcaattct ttgnttgntg gtagcagagt ttccagaca aaattaatga   480
gttagctcgg agcacaataa agtagctttc agttactctt ttgnggtcat nccacaattc   540
acctgcagtg ccagagaact ggcactggca acagntgtca cggnatcaac ttgcaacctt   600
gaacatctat naagangcct cat   623

<210> 2389
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 2389
atccatcgac ccagtgtatt gtattttact ttgcgttaga ttcatcgtca tcatcatcat   60
cgctacagca ctttttatta ccacttacac gcaaacagcc aaccacaaaa cgccntctca   120
accaacaacc atgagtcgcc gacaggacca cgaccagagg caatacagcc agagatacta   180
ctcggacagc tctaggaact ggagtgagga agctgttcga ggcagctggg actccaacta   240
ctaaagaaca acatcggcca acacatctcc cagagaccag tcccaagctt ggagtagacc   300
aagtcctcaa gcctatgata gaagccngaa catggttaac cantggctcg gtcaacagta   360
tcagaaccag ncaccaatga tncatccatg ggcggtgatc ctgatnccaa ttcactactt   420
ctacacttcn ctggctttag gactntctaa cntttntttt ggacttagna cnccccgggat   480
tnaaacccaa gtggngggat gatttntgcc cactttaang cttttttccg atngcagtat   540
aanaccatac canggggggc cttttttctt tggggatntc atataaacca atcgtcgttt   600
ngacgacaaa tt   612

<210> 2390
<211> 146
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 2390
ncacnatctn ctctcaatat taaccccctt ntcccacaca cncaaagctt ttataacttc   60
acccattcng aaaatttctc atcncaaatn ctcacctcna aaaacttttn cncaccccc   120
tttttcnttn ttataaanta acctct   146

<210> 2391
<211> 212
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 2391
atngcacctg aagcaagatt tgcgatgaca gcctgaaaagt cttcacgagc atatccgana   60
acagatatgt acgagctcga aaatattgtg gaggatggaa taaaggcgct tattcatgat   120
aagaataacc aagtgaaggt attggtggat atgagcgaca aatgattgcy ttcttgtaga   180
ggtttattta atattcaaag ccctccctgg tc   212

<210> 2392
<211> 293
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 2392
ctctacctcg gcgagcagtc atctgctttt gtcaaggtcg cttgccgcgg cttgataact   60
tctctccggt atactctacc tcggcgagca gctatcaagc agcggcaagc ntgtgcagca   120
tttgttcatc aatgcatnat ggggatattg cgggttatgg cgtttgaaaa gtcgaacagg   180
tgttattctg caacaaaacg gcggttatgt ccatcgtcgt tctattttg ggcttgcatc   240
ttaatttcag caaagcacan cacggtacag aacagggggag gaagggtnga taattatga   299

<210> 2393
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 2393
agggacagag agctcttgta gagtttcaat tcaagaaccc ttgaccgctc ttcgtcatct   60
acatctagat cccaattcat aacgtcctgg aacctctcac gaaacaccga acctttnttc   120
agacactcan aaacaaacat catcgtcagt tcgtatattc atcatcatgg gctcccacga   180
ctntttgaac caggccgaag gtgcacctcg gttctggtac cgngataact tnttcctcac   240
aaacgacaag tcctatctat gcccccgaac cttcaacaag tctctcgatg acaactggtg   300
gagcagcccc ttaccaaacg gacaactcca gagggtactg gataactgct tgaccctggc   360
cgtgtactat actccccaga ccgccgagga aatgaagaga aacggcatcn cttcaccaaa   420
agatggctcc ccgcacaaga tggcggtttc gctcgtgtgg ngaccgacta cgtaactntg   480
gcctacctac agacgttttc gtcgtcgatg anttccaccg gcggggattg gcgtcgtggc   540
tgatgccanc ctcttaaggg gatagtcnac gaatgggaac acatgcgcng gctttttttt   600
atgaccatga ncaaaccgca a   621

<210> 2394
<211> 106
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G

<400> 2394
ntgngcgtac taagggtgna ttttcggngc ntgtacgggg gnacccctat attatnataa   60
ggctncncga atggattang atngtgcnag ccntacaaaa aaaatc   106

<210> 2395
<211> 110
<212> DNA
<213> Fusarium venenatum

<400> 2395
ggtattgggt ggtggcggtc aaggtggtgg acctcctggc ggtaagtgga actccccctg   60
caggccnacc tactcctacc ccctcgtcct ugatataggg agtagtacaa   110

<210> 2396
<211> 631
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 2396
gatccttttc tgagtgctga ctcgtctcaa cttacctagc tcgctgcctg ttgctgcacg   60
tcactcatcc atgctgcgct gtctcgctcg tgctcgtccg tcattatcgc catcactatc   120
accaccacga agtctcattc acctctcaca tactcgcagg actatggcaa ctgagcacag   180
tcatgggcac gctcgtgtcc ctaatactct cgagtggctc gccaagacta agaggggcga   240
ttaccttgtt caagtagcat ggccattgtg ctggggcgag gatcgtgttg cccccaaaga   300
tgagaaggtc aacctggttt atgtggtcga tggaaatgcc tatttcttca cagctgttga   360
cgtctctcgg cgtttggaat atctcaatag tacaagaact gncatcgtag gcattgggta   420
cccgccagta aatatgtcta tgacttncgc ggggcccaga tctgacccat tcgctgnaga   480
gtatgacatg cctcttgaca gacatggnaa ggcctcgtac ccgacatctc atttggtgaa   540
agccgagcaa gttcctanac tggggatgaa agacagacgt catgccctat ggttgangga   600
caaagctntt tncccaacgc caacttacan n   631

<210> 2397
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

<400> 2397
gttcctcagc atatgcctga tcccgcaatt ggctcctaca agctcctcgg cattcgggac   50
gatgtttgct tcnaccgctt cagtcgatat ggcccttacg gcctgggcta tancagagct   120
caaggtggtc tggataccgg tctggatact gaggcgtctg gaaatgaggc agtttgggcg   180
gaaactggca aaatcaacta catcgacgtg aactgggccg atgctcagga agattgctac   240
aaagccaaca agcatngttt caagcaggtc aacgccgaca ccggcgagct ntnggagacc   300
aacaacaaga aaggacgcat tgccgtcgtt gtccgtacat acactggctt nagtggactg   360
agctttgctg tcctcaactt ccgtgctctc atnacgaact ttcgctcaat cgggnggnga   420
atatcaagtt cattttntg atgcaggtac caaacatcga tgagcccatc tggtcaaata   480
agtggacggn gcagccgcat tatcaacnac aacgttcccc cccgagtttc ganggcttgg   540
tttcntttgg agcgagcctc aaatganact tattgtcccc ccgcccgatt ttgga   595

<210> 2398
<211> 170
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 2398
natanagtgc caaggtatat atactgtgcg ttgcgcatnt tacaatgaga tgtgttggcc   50
tcttgctng tagaacgaat atatgtgngc ctatgggagg acctgagnna tggataaaaa   120
gjgtaaaaac ntttantttc aggtggccga ttgacaatag gcataaggtg   170

<210> 2399
<211> 630
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 2399
tcgctgctcg ctcataagtc ttctttgctc ctctccttcc gccattttcg atcaaagtct   60
attagcggcg cggcttcatt ctctttggca acataatctc ctcgcttcat cgctgcgnaa   120
agacgtgcct tttcctccat tcgtcgctng gcgcgtgcca actcttgagt ttcttcctct   180
gngccagnaa cctcctttaa ttgcagcttt tttgatccat canactcctt gcttcgttng   240
ggttttgagc ctttgaatat gtcatctttg ccttcttttt gagagcgaga ccggccagct   300
gatgtcgcgc ctgatgagga gtttgacatc aatgatgtca attgagcagt gaaatcaagc   360
gaagtagata atgttgcatc acgcttcggc tttttaagna ggacgttgcc gtatanattc   420
ggntcctgng gcattttgct gtattcgata gntcgcgtat gtgttttttga ntacttgggt   480
gntgatgatc gcgangaaat aaagtaccaa aacgaacgca atgcccatgg gcagncaaac   540
aaaacggtg gtnctcaacc tggggnaatc accaccaagg ttggacagaa catcgacggc   600
gggncaacat tncaatcact ataaanaaan   630

<210> 2400
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 2400
agacgagaca acaatactct tcggattgtc gcatcattgt tgttttcacg tcccaattgg   60
ttgtcaggtc gtcagcctag ggaacgggac atgacgggct ggatccagcg gacaggttga   120
gctaccaggt ctagcgaacg anaagaccca ttccggatga cccatagcaa gacatcaagg   180
gctcggaatg gaggtcacga cggatctgtc atccggccgg ggggagtcgt ggccgtggcc   240
caaccgtgga tgggatgctg gtgtttgcta ttcgtgcagg atcccatctg atctgagttg   300
ttcttgtctt gctggttaag actcattcgg tctgagatca aagggctgga caacatttgc   360
ttaaacaaga ttgggcttta aanaccaccn ctggggttta aatcgaanaa actttttttca   420
agangcttga aanaacccct tnttntcgtt gaaaaaaaat t   461

<210> 2401
<211> 524
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 2401
agctttatgt ctccagcggt ccgcgaagag aatgatgcag ntctgcgcgc atctntaacc   60
actcttnttt cttgtgcgca tgcagctaga ggcttaccga aatcaaagga ggaagctgaa   120
gctcagcgag cggccagcgc aggcgtggga cccagcaatc agccgatgga gctgcgactt   180
gtgccggagt cggagctgtc acaggaacaa ccaagaccaa gangggtcca acgccccgcc   240
gcgccatctc caccccgcaa acgggccggg ggatcaggat ctccttcaag aacctcaana   300
acagctntgg gttgcaacga cccacgggnc taccaanaan aagaaggtga cggaagagct   360
taccactatc tcaccaactn ttctcacatg ggttgcaacn ccggcgttgt cattgttgtg   420
tctgnggngg ggttttggng caaggtatnt tatccgccgt gaagctggta aanaaaaagc   480
gctggcggcc antgttggca nttgtcaaca ataccacatt tttg   524

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<210> 2402
<211> 541
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 2402
ttttcttttt cttttccttg gtacatctca tattgaaaga attacctatn ggtatatggt   60
atctttctc ttcgtttgaa cgttttttgtc tatcctgggt ttacaataat aaatcgggat   120
gcttagcgta ccgatcacta catctgaatc tgcaggtccc ttgatcctaa atcgccgtng   180
ggatctttat tagttgccta cttgattgtc atcgtcatca attttcaatt caatcatacc   240
tctactgtga tctactttgc aaaattaaggg acttcatgcc atcatcatag ttccctcagt   300
acccacactg tcgagttcat nacatacaag ttcacacacc nacgctagga tcccggccta   360
gttctctcat ctcatactca aaggtccggt ataacacccc ccngccaaaa aattacttgg   420
cttggcttgg ctcccctcnc acaactctng ggccagaaac cgtnaaaatt tanccngtaa   480
ccaagctaan ttacgnggtg ttttgaaaca aaccgtacct tantttgcc aaaanacccn   540
g   541

<210> 2403
<211> 605
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G

<400> 2403
aggctgtaga ccacaagcct tacctgggac tctttgaggc cagcctgaag atgcaagagg   60
gtcccacgtc ctgggaaatt cgcgatttgc gcgagaatgt gacagacggc gacaagacct   120
ggaccgagaa agcctactgt ctgatatgtg gtacttgtat tgaatgaaca ttcaatagcg   180
agactgcata accgcacaga gcctgctccg gtcagcaggc tcatcgagtc tcgaaatgcg   240
cgactatata ttgcgcaggt tggcgagtca gcttcacgca gcttgttggt agccttaaac   300
tccaatgtgg ccagctcgac tcaaccgcct actcgataag gcttttggga atgacgaatg   360
gcttcagttt cttttgtcaa aatttcgaag tcacttaggc gattcgccca actggtggat   420
tttccgggcg cggcgttgga ggcgaaattg gctgtatcgt gggttgagat ggtggttcgg   480
tctagaactc gcgagaggcg aggggatacg tactctgntt cttttttgaa gttattttan   540
gcgacgcaag agtaactatt catatgggtc actggactat cggganggac tagaccggac   600
gttga   605

<210> 2404
<211> 818
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(818)
<223> n = A,T,C or G

<400> 2404
aggaattgaa acaggcactg aanaaatatc agcgacgaca agcgagactc gtccatnttt   60
acctttggct ccagaatccc aaacccgact tgaacctgaa attgaggttg aaggtgatga   120
agaggaagtg gtanaacctc ctcctnggat agaccttgcc cggcgactca gcacaacgtc   180

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atacaacaac atgggaatcg accctgtcga cggaaaatgg ataccagaac atcagtggtc        240
gagtgctcac gacttgctgt atgccaagct ttgttacagc aaccttcttt tccgaagtcc        300
ccgcaaaacg ccatacatca tcaataaggg caaaaagttc tatgttgatt ggaccactgg        360
ccgaatggtc agggttctcc caccagccta tggggagatc gactattttg gtgcttggca        420
aacgggttca taccgaaaac agactcatct aagggcttgg ccatacgcat atatgatata        480
aacatcttct accccatgac actcctcctt accaacttaa ctatgtcctc tttctcttac        540
acaaaaatac tactgggacc ggtcacatct catacgacat cacacacatt tctcttatgg        600
ttgattcaac attttataca atctaaaaca ccactacaca gattcacact cgaaaacaga        660
ggcacagcac ctcacatctc gtctttttta cgaacgtaca tagctacttt gcatatctgg        720
cgcatgaaag gctgcggatt gcatcancca acggtgatga tggcttacga tcatggaacg        780
gagtttacat ttgatttaat gctttcttgg taaancaa                                818


<210> 2405
<211> 510
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(510)
<223> n = A,T,C or G

<400> 2405
ctggcgttcg cctcattctt cgccaatatc acaaggccgt gcagagggca gtctccgcga         60
aactccttaa gagtagagac atcaaaggga agggcatcga agcagcggca tatcagtgag        120
gaaactcgcg aaaactatat gagaggaaaa cagcactctc tgaagcacat tcaagcagtc        180
ctgcataaat aagcaatgtt gcttcaaaac acttatacta aagcccagta taaggcaacg        240
gcattatgaa ttatttacga tttaacgaga acaacaaatg attaagggcg gctggagagc        300
tatggaaaaa ataaaagttt gtgatcaacc caaatattct tgacattgcg gtatcaataa        360
acaaaggcgg cggtacaaat aatcgctaaa gatangtagt gggaagaatg aacatgttga        420
gagctcgact atatcatttt cacgtctggt tcatgtgcaa tgttcacaac atggtttagc        480
aatttgtcna tgttgattac aatgtncgta                                         510


<210> 2406
<211> 936
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(936)
<223> n = A,T,C or G

<400> 2406
cgcattattc tcattcccat tcggcctcat tgtggtcaat cgctactcca tgtttctctc         60
atccctccaa tcgatcaaca aagacatctc tcaatgctga gatttctggg gaaagatggg        120
ataatatgat acaatatgcc atctccacct gtcttgttac gaagccgctg ttcctcttga        180
ccagtcaacc agtcttgtct ttgtcttctc cagacacacc cttcaagcaa gggtgctgat        240
tgctcactga ggagaaggag gggacctttt gggttttatt ttttttactt tgacttgcct        300
ttttcttatt atccgacgtg accgagcata tacaagttac tgactgataa ccgtatagtt        360
catggacccn atgcacgaca ccngctntgc ntgatctgat attacgtctc tcgcaaaago        420
gatccgcaga agacgagggg aaagaattcg ggtccacgat tcactgaccc atcgagggaa        480
cctaggccgg tctcagntcg aaaatacgat gtcgncttat tgactaatct gancattggc        540
taaggaatgg gaatagcttt gggttgagat ggaagctgtt ttgagcaaca agctacccct        600
cattttctc ctgtnccgtc catcccagaa aagcctccca tttccgcaga tccgatcttt        660
gtcttggttc acccaccaac caacctttaa gaatantggt ggaagattgg gnaaatgatc        720
ttatgggtct tggaaactg gcttggaatc ccgttttggn tgggtttant ccgcctccc        780
tggttccgag ggctgttttt cgtagggngt gcagaaaata ataccaaact tggtgtagaa        840
cacggttggc cgcggtntac agtaacacca tcatancgca tcangtcgtt gaatcaaaac        900
aagggctgag tgggagcgta tnnattatgc ggaccc                                  936
```

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<210> 2407
<211> 503
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(503)
<223> n = A,T,C or G

<400> 2407
gtcatcgtga atcttctctc tttcatctgc ctatctatcc atctgcatcc gcacctgtat   60
ttgcatctca tctgcattgg tgaaccttta actgcgtgca ctgttactaa gcacaagacg   120
cccaaaagcg ctgttggtcc ctacatcgag accctgttgc cttttgtttg gactgtagct   180
catctcgcga ttatccatta attttagttc gtcagacnca cgcccacatc aagctcctca   240
cagaaacaac aaggcataat ggcaagtgct gcangtgttc cggagcgttt tccttctatc   300
gangatagag aaaccgagcc gctgctcggt agacctggtg atgccgcgca agaagatggc   360
gttcctatga tcaagaacct cgttctcggg accggnatag tcgcccagtt gggtgttgtg   420
ctactcacga ttctggtctg ggcangcgtc ctatccaagg ccgttgantc ncttccaagc   480
gcaaccggct gcttcagtca ctg   503

<210> 2408
<211> 145
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 2408
nggggttttt ntcgggggggg ntgtttttant gnaaaaccncc cganggttng aaaaaagggg   60
gaacaaccct taaaaaagnn gggtggggcc ncaatntaaa aatttttcnt taaggaattg   120
gtggtnaaat tgttgaaaaa caaaa   145

<210> 2409
<211> 217
<212> DNA
<213> Fusarium venenatum

<400> 2409
aaaaatcgaa gcatgaaggg ctggaacaca gactacacac cagtcatcac ggcctgtgag   60
cattgggaaa tcaactatac cgtcaatatg aattataccg gtggcgcca atcatacaaa   120
gtcaccaatc gagattacaa gcaaaaagtt atcaacacaa catatatcga tgagtcgtct   180
gtcgacgatg gaacactcga cccgatattt gccgacc   217

<210> 2410
<211> 307
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 2410
nacaagtttg catgatagac gtgtttctt ggctttgnca ctctgtgttc ttgtgacccc   60

```
agagccactc attttacgct gtagggagcg cagcaatcat ggcattggca aggatctttg      120
ggcggctcta tctgtttttc cagttttcta ttttccataa catcattggc gttggggata      180
ccacactcgc tcgggtttct tatctactcg gatgacgaga gggttatatt aatatcatat      240
agagatagga ggcaggcctt tgacatggcc tggcttcatt agaaatgaaa gctaattcgc      300
ctccccn                                                                 307


<210> 2411
<211> 303
<212> DNA
<213> Fusarium venenatum


<400> 2411
cgacagaaca atattagcaa tcctgacctg atttacccag gacagactct ccaggtccct       60
ggtggtggca gccaaggtgg tggtggattc ggaaactcgg tgcgaaatgt gcgccttgtt      120
gatggaggcc aaaggctaga gggcgagctg tctcgtgatg gtgattgggt tctgagctcc      180
atcatccttg acgagcggat caagaacttc aacggtacat ggaagttgg tctagatatg      240
tgtgacataa taacagcgag tttttgcct aatacatttt cgtacaaagt cattttaaaa      300
aaa                                                                    303


<210> 2412
<211> 343
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G


<400> 2412
ngcccagagc cgagacaatg accaacaacc cgcttcacga cgtgcatgaa gttgccggta       60
tgcgatttgt ggaaagtccc ccgactccgg gtcagggttt gttctctcct cgagccggna      120
tgtttcctng tgaccctttc tcaacatttg ggagaccacc agttgttgca gatccaagga      180
gtccacctac caagggcgaa gcacctataa ttcgatcaaa ttgatganct cttatgatga      240
agctttgacc atagtntcat gtttcgaagc cgnaacgatg caacttccaa tggaaggaaa      300
acgtacganc cttncggtta aaanttttnt ttaatantta aaa                        343


<210> 2413
<211> 630
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G


<400> 2413
aaaatcttat tcacagtatc ctcaaagcag aaggaaacag acacaaacca cagcagcctt       60
cttttcaagc ccaaagacgc ttgctggtcg ctcaagcatg tcgaaaagat caactgctcc      120
gcatggcgct ggtccatcct tgaataatcg tcgatctcgt gtagaaagcg gcactcgtac      180
acacgtatca ggtttaacaa aagtcagcca gggccagagc ccaggcacca gatcagtcag      240
accgtcaaaa agccttaacc agcccgtttt agcacacaac attctggac gctcccatag      300
cctgagcgcc gacatagttg tcctnaacgt gtacagtcgg ccaaccgata cgaaaagcct      360
ttaccagagc cacctaccc tggatcgaca acaagctcat gggagaagat tgcaggctgc      420
tactgaggnt gatacttgg cattcacgcc agagaaagnt ttccgcgaca aaaggcaagg      480
gaaacacgcc ncaagataaa aganggcaat cattaccggt cttngatttc anctaatacg      540
tcaccggttg ntcaanggg gttttcnggc acaagatngg gcgggcgnac gttccaaaaa      600
agaatgntat tngtttgnag ccttnaaacg                                       630
```

<210> 2414
<211> 930
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(930)
<223> n = A,T,C or G

<400> 2414
gggcaccatc tgtggttcga ttgacaccat gccaatgcct ttgacactct tgacacctca   60
tggcccgttg atacgaccca cgactgtaca tcatacgttt tcgtttcctt tttcctgaga   120
actacttgga ctcaacttct ttgatgacgt atatcatttg actcaaccgt ctttgacgac   180
attaatactg ggatgcatag caagtgcaac gtccatgacc gtactgcttc accatcatcc   240
gatcttatct aggcgctatt tcgactcggt gctgaatgct tctcgaacac agtctgcagg   300
ccnogtactt gttggtttc tcacaatcat ggtgcttgtg gtttgacggc tcacgactaa   360
cgcagtgatg acatgtgcga tctttgatgc ctgctcatcc atgggtctga cgttcatcct   420
gaaacctgca acctgcaacc tgtcgtgatg cggttgagtt gtgaattggt cacttgaatc   480
tcttgaaagt tatccctcag cccgaactag acagtagtgt cttgctggac gtgagcccga   540
tcgtacttat actcttttnc agccagacct gtgcgttctt ggatgaaatc gattgtgtcg   600
tgcaagtggt ttcattgtat ctgnatgtgt gttgcgtgcc atgcgcatgg ctgactacgt   660
tggcgggtta cgctttcatc tacgatttct ttgagtctgg cttaactccg gactgtttct   720
catcattgca tgcatgtcat gaggagangg anatgtatnt tnttaggang ggggattgga   780
gaaatggagt tgggggttaa gttgcattgg ataccaccgn acatatgnta accttttaaa   840
aaaagtgtct cngtgggcnt gcnacaaana gaaagcnatt gaacccgtta aaggatggtc   900
ncaaaanccn ttcggaatt ncttccgaaa   930

<210> 2415
<211> 723
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(723)
<223> n = A,T,C or G

<400> 2415
agaccctttc aaccccagtc cagaagtcct catgtctggc ttaacagccc atgaactagc   60
agacggcaca cgcacaacag aatgtcacct atgcgataaa atcgttcgtc taaaagacat   120
ggagacacat ctcaaacatc acgaactcga caaagtatcc cgtctcacac caccaatatg   180
tcgcaacgca aactgcggta gaacaatgtt tggcgtcgga tcaagaggtc aagtccgtca   240
atcccatcc gaagatcaag cctccaacga cattggtctt tgttcaattt gtttcggacc   300
attatacgtc agtatgcacg atcccgaagg caaagccctc aaacgccgca tcgaaagacg   360
ttatctaggt caactcatga ctggttgtgg aaaggcacac tgcgcgaatg agtggtgtaa   420
gacagggcgc gtgaatgcan gtcttgaacc caaaccttcg agtgcgangg angtgttgcc   480
gttggtgaac ccgttgctgg gtgatgntat ggatatgaac caaggtgttg tatttttgca   540
cngatgaagg ggagtcaaaa gggggaagaa attgggccga aatgatggct nantgaaggg   600
antttggga tgttgaatgg ngcattgttt cttgcggaaa ctgaaaaagg ggnntttgga   660
ttaggatgag gggactggtt tgcnaggctt tgggcccc anaaagttna aagggttttt   720
gtg   723

<210> 2416
<211> 255
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(255)
<223> n = A,T,C or G

<400> 2416
nctttgttnc ctnactcttg ctcaatatta tttctcccca nttacaacaa cctggtcacc   60
anacacggtg ttaacctcaa gggaaaaaga acccttatca cccttgngtc ctntaatgat   120
gtcataancg gtccttcctc atgcgtaatn gaaaatactn gcccttgaag cttgngaacc   180
cgaaataaac tgtgttacag aatccctcca ggatggggat aaaccagctt gccggttccg   240
tgacnattgg ncttt   255

<210> 2417
<211> 551
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

<400> 2417
catccagcgc tccactgtat aaacacttac aacctctcac tttcttgata taattgaacc   60
tcataaacaa tccaacaaac tcgagacaat tcccagtgag agcctttata tctcagctgg   120
tatctgcaaa acacacattc actcaattca ctgagtgaag gcatatacaa cacaagccaa   180
accacattat gcttaagcgg ttcccgcgct ttatcatcac acgtctaaac aactaccacc   240
gccacacacc atcagccttt cgcttttcta gcacaatgtc caaggacgat cagcagcagc   300
ctgcgcaggc agagaccaat ggcaacaaga acccctccca ctaccagccc caggctcaga   360
caccgccgcc tctaacagca gggggatgg cgtgacngac tacntttgga aatctgtcca   420
ctcgantcca tggggccctc gtggtcacag aaanggaaca tggttggaat ggaaactggg   480
cgggcttaac gaacataaaa ggccaaactt gaggttnttg gnaaaaagaa caagaacgaa   540
ggatttctta a   551

<210> 2418
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 2418
cacaaaaaa cctatacctt ttcaccagtg caccattttt ctttttttaa aacttcgata   60
cccttcaggt ggattgtgat gaccacacct accaaccact acgacgcggt gatcagctta   120
ccactacgaa aaccgttccg catgagccct taactcgaaa cgttcattta ccatgctctt   180
ccttcatcat gttgagacga cgatgcgata tccgccttgc tcttcattat agacttgctg   240
gtcggtaggc ttcccaagcc cagcccggcc ctacatcatt ttcccattac gcctaacgcc   300
tccacggggt agagccccca cgtacctttt actcattcct tcggctccat cctggcgacc   360
taggcccacc tttttattaa tgcctttact atttcttttc tcttgncatt ggttattgga   420
ttttgtcggg gaggaattgg actgtgggta tgtaagaaga agtgggaagg gatggcaagg   480
gataaatggg aaaagtgaaa acttggcttc tagacaggcg tttggggcag gatagagcac   540
cagactgggg aaaacgggtt ctggatgcaa ggaacatgta actgggtatt ggaggatttg   600
ttggggccc nntttgggt ggtatccn   628

<210> 2419
<211> 194
<212> DNA
<213> Fusarium venenatum

<400> 2419

```
agggtgagaa gatcccccact agtgtcaaga gtgccgacgg aaagtctgag gtaggcattt      60
ccagacatgg taccgaggtg ttcagcctga catgggccta aatcgactgc gatctatcgg     120
tagtgtcaag gtagaggatg tgcaaataaa gagaacaggt acttaataca caacgccgag     180
cctatagttt gatc                                                       194
```

<210> 2420
<211> 159
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 2420

```
nttccattgg accgggcttt ttgctgngga tggagggtnt tttatanget cgattgncct      60
atcagccngg tttntaanta ctgggngaca tttcaacgan gtgactgggn aaaccttgcg     120
tacccaccta atggctaana cncttctctt tttccaaat                            159
```

<210> 2421
<211> 500
<212> DNA
<213> Fusarium venenatum

<400> 2421

```
aaacggcccc cctgattcca ttcaacgtga tggcattcct cgtcctccct ctcgcatgaa      60
ttcaggcatc tacaggccag gagacgacct gggtcgtccc atcaacgggt ccaagtctgc     120
catcaagaga cccccttggcc gagacgttaa cgaggaagga ccttccagac ccccacctag     180
ccgtggtcct cagtaccaag cgaaggatgc caagcgtcgc cgaacaagtg atgattttgc     240
cgatgagctg gatatggaac agcctcccaa tatcaaggga cctcccgttc gtccatccag     300
cgcttttaag aaggacctgc aggtgaagag cttggccagc ggctacaccc aagccagtgc     360
acataacctt ttcaagacca acattgctca aagtcacatg aagggaggta accctatgga     420
catggcgcag atccacaagg gaactattcc ctttgctccc aaccccaacc ctgcaggacc     480
tgcatacaag acaccgggac                                                 500
```

<210> 2422
<211> 339
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 2422

```
tcttgcttca cctattttcc ctttcccctt cttttctctt tccttttttt gcttctttcc      60
tccttttttcg tgcgactcgg gtttccttgc ccccctttttc gctctcttcg tccttttttca    120
ngggaggat tcaactccat cccccccccc cccacttggc aaaagtcgc ggccaacacc         180
cacaatcatg tcgtcgctcg aagccaanat cgtcgtcctc ggcgctcaag gcgttgggaa       240
nacatccctg gttatganat actgtaaagg cgctttcaac cctgctcana tcacttccac       300
cgtnggcgtc agcttnctna caaagcggcc gggtttttc                             339
```

<210> 2423
<211> 600
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 2423
ggaacggccc gtgctacttt cgaattttca tcanaacaaa tggcagacac gccagacaat      60
gggcaagact cgaattcatt gaggagtgtt ggaggggggat ccatagaccg ggctatggca     120
gcgacaagac tcaccgcctc gtcctcatcc aacatttcca attacgcctc tagcgtctca     180
agcgacaacc agagccagag tcacgcccac agccagaatc tgacagggag tggaagcggg     240
agtgggggtn ttcctggaac ccccgtgagc cgacgctcag gtggatggga tcggcaaact     300
ctttcccggc cgccgctgca agggtgccac acgatgattc tccaatgaan acttgctctt     360
atnatcaaac agtctgnggc ctacancgaa ctgtggaana ctttncgatt ttcanatnat     420
atgttcgctt ataaccatta aaaactgngt cacgctcaaa cgttttttna atntatggca     480
aaaattaact aaattttttt tcgttacggc ctttccaaca ccnggaaaac aaatanaaat     540
gtnttcacnc ctgcntttca tgtttnaagg aaactttttt ttctttaccc anacaaaang     600
gccttg                                                                606


<210> 2424
<211> 641
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(641)
<223> n - A,T,C or G

<400> 2424
tttatgccgt caaagccgtt cttcgccgcc ctctttgctt gtcanaaatt ttcgttcttg      60
tttcaggggat tggcgtcgta tcgtatcgac cggtgtgagg cttcacatga naaccggagg    120
taggtggggg ctgtaaaaag ccgtcatcgg ccaaaacgtc cgagttcagg ctctttgcca     180
caccatgtca cgtccactcc cacgctcacg atcccacgga ccaatacgta gcgtattcag     240
ggtctacatc gacccattgc agcagcgagc agtaacttga tccctttggt gaatttcctt     300
cctctatgct aagtgcctcc ggtactaaga ctctctgccg cgacccttg cccgggagtg      360
gccagaccta gagagttcgc caagaccacc tctcgacgtt ttgttcatgt caatcttatc     420
tgatcctttt cccaccggca tcgcatcact ttcgtctaat tccgcgcttc gttaccggga     480
atccctggtt agctctgcat cacattaaaa gaaaaacttt cattttctcc gaccgggcat     540
taacacttcg ntttgcacan gcnaaactgg gggangaatg gagatacaat gctctcaacc    600
gaaaaaaagc gttcaagtaa aacaacaaat gggccgagaa g                         641


<210> 2425
<211> 296
<212> DNA
<213> Fusarium venenatum

<400> 2425
tacgagcacg agtacaagtt ccggattgcc tcggtcttgc ccagggaggt gtacgagccc      60
agcacgacgg tgacaatggg agagaaaatc ggaagatcag gaaatttgat tgtggaggac     120
atctcactgg actcggaaga tgattcagac gacgacgttg atgacgaaga cgaggaggcg     180
gaggctgttt aatagaaaaa gccgtgaggt gatgagtagg tcgttgtcta ttacgtagat     240
tttgtaaaag cggtccaaga tgccagcttt ttgataagaa gtaaatgcgt ttttgc          296


<210> 2426
<211> 785
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(785)
<223> n = A,T,C or G

<400> 2426
gagtcttcgt cgaacgatag cagggcctgc cactcctttg tttgcgtgtc tagtacatag    60
cagtccactc cttcaaaacc aaaactctaa agccaagact tccggttgaa ccgttgatat   120
atctcacgac ttccctcaaa atctcatctc catctgatct gatttactta cctaccgcaa   180
catcaattca agtcgtcctt ccttcggttc atccttctgt cactcctttc gtcgttgaac   240
gaccaccatt gttcaaccac accaaaccaa agctttttct cgagactcct tgacggaatc   300
tcaaatccaa cagtgctgtc atccgctcat cagactggtt ctgaatcaca tccgatacca   360
acagacaaca cactaaagtt caccaaattt ccactcgtgc ctcttcaccg atcatcatga   420
agacatcttt gtttatggtc ggcgctagcg ccattctggc ttcgggcagt cccattggaa   480
acgcttttca ggagcgtgcc atggagacca aatgggtcta cgaaggttgt cactggtgtt   540
gtcactgaag gtgctgagcc caagaaggtg ntnacaccgc cctgnctacg aggcccccag   600
gctcccaagg tcanccagga agtgtcaagg ncgtcaagga gcagcccgct tctggtcctg   660
ttgttgtcaa gggggaggct tctggttttg tcgtcaanga ggaacctgct nagcctnaaa   720
gtcgcactgt ctgggtgac cttaacctac cttcaagggt gtcaaaggag tcagcgagga   780
gaaag                                                               785


<210> 2427
<211> 549
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G

<400> 2427
caacctagtt caacaactac aatgcanaaa ctctttcatc tcttcgctgg agccatcttg    60
gccactacca ctcccgttca agcctttccg tccttgggcg gactcagccc ccgagacgtn   120
tttgttcctt cgacaacatg caaagatttt gtcgttggaa atgacttgaa gttttacggc   180
caggtctgtg tcggcatatc tgacggcatg gtgaccgtga cctacccggt tttgacaacc   240
ggcacatact ccgacatcca tgtctacatc ggcacaacca tgcccaccga aacctcccct   300
ggccagctcc catacactct cgggaataaa gcctgctccc tttccacana caaaacttcc   360
gctacttgcc gaatccctgt ccaanactcg nggcgtgcgt gcgatatgaa gctntacatt   420
gctacacatg ccttttttcac cggaaggaca gggtggggaa caggtccttg ttccggaaat   480
taaacgggac tgngcaaaat ttggntttta anaccaatgc cgggcccagg gntatnaatt   540
tnaacccat                                                            549


<210> 2428
<211> 103
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 2428
nnctcttnaa tnaattatac tccnttntca tcatttcntc tatattttcn aaactctctc    60
attaaatcaa antcnattct ttccctcttn tntccctact aaa                     103


<210> 2429
<211> 474
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(474)
<223> n = A,T,C or G

<400> 2429
nccccaancc caaagggtan ccntgaaaaa tggcnntatg aaatntggtt tttttccgac        60
naccgcgttg tctacnccat tcatggaggg tcccatggcc ggccgaataa ctaccagacc       120
gtcgctacca tggtggtccg tccagaaaag ttttgnagat cactggctan aaaagctgga       180
ccattgttcc tggtgtacac atcnccaata aancatngcg gatgctaggn ttttcaaggc       240
catgggacat gcgangatgc cacggngata acgaaacctt aaagaattca atagatggaa       300
gagcttnttt cttggaaagc agacagagan gttatctgac ggacangcca tatnttgagg       360
tttnagggca nggtgacttg aanccatnac gagtcggatc cacatttgat tctccttgga       420
ttttntaatg gtcanagaat tgacccaagc tttttngac gggaactgaa taat            474


<210> 2430
<211> 285
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 2430
tcgtgaagct ttctcccttt gcccccaagt ttagccctat caggtccagt ttaaaacggt        60
tttacattgg tgcattaaac ggagaaactt gtcttgtttc cagttgatta ttagtgatca       120
aatctttaga gngatcgaga atgctacagt agcacagcat aaacttgacg ggctttgaaa       180
ctacttctaa ttaaaaccta tacatctcga tgtttgacaa gccctttctg gcaacggaaa       240
ncttggaagc agatagataa atcccaccaa tgtttcttct tatcc                     285


<210> 2431
<211> 205
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 2431
aaaggattct gctaccgcca cagtatctgg ccgagcaaca caggaagatg tcctccgaaa        60
tgtcgatgct atgatcaccc gaatgcgtgg cctgaagcgt aagctcatta caagtgctgc       120
tgaggaaagc tcttttgcat acccaaactg ngggccggat cgccaactng acgaactaaa       180
caaaaangga ttnccgggga agaag                                           205


<210> 2432
<211> 437
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 2432
agttcctctc gttggccccg atggtcaaac ccaggttacc agcgttgaaa gctctcacca        60

```
acggccatgc tgagaaatcc taccccactt gccaacggtg tgcatgctga ggcatctcag    120
gtcactgagt cttgaccttc tttgcaaaat agagacntcg cttatgatgg ggatacgggg    180
cctgcatttc cctgtgatgt agtatgaggc atatcccaga nagttttccc cacaccttga    240
tctgggtcga tacgaattta cgcgtcccag attttaaaat gtttttatg atttcatttt      300
tttttcgctt ccaacccatc attggccacg acctctgtca attgcgtttg ggtttttttg     360
tttgttcttt tttgggaagg ggttcacgaa cccacaacac ctggttgtat ctattacttg     420
acggggtctt ctaccaa                                                    437


<210> 2433
<211> 423
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(423)
<223> n = A,T,C or G


<400> 2433
attgaccaat cgactactcg ttgactcaag ctctcagaca atatgcgtct cagccttctc     60
cccttgatcg cctttgttgg ctgtgctttc gcatctggag atacaatctc tacagccatc     120
gacaacatct ccaatgccac tttggctctg dacaagtccg tgacaaactg gcctcagaca    180
cttgtcggag cactccccat taccacaaaa tcaacattgc tgctcactgc gatccacgac      240
ggtactcttg ccgttcgcaa gtctgaggct tttatccgtc gacgagactt ttcaagttng     300
ccaagggcca cttcaagaag ttggacccaa agaacgtcaa ggcgccacaa atcggaaaac     360
catttattgg ccggccaagg ccccaaagtt ttcgaacnaa aactggatgg gncaagcccc     420
ttg                                                                  423


<210> 2434
<211> 563
<212> DNA
<213> Fusarium venenatum


<400> 2434
aaatttcttc tcaactcacc tgatataatg agtgaatgtt attattacac atgttcttcc      60
ccacgagaac cccgcgttgc gggggagaaa gctcgtagca gcgaatctat tcccgtgcca    120
ttcccagctc atcgtagctc atgtcgttgc aattaacacc atatatagtg cagggtcgtt      180
ttgaggctct caacatgtcg tatccaacat caccaatgtt gagttgcatc tccgctcaac     240
gtcgccacgt gtaacatagg tatcgtacga tttattctca ctgataacta agaacactcg     300
acgtatttat tcacccacct ctcagtcaat ttattcattg atatcattca tcatggccac      360
gaaactagca aaagacatca ccctcaagag ctcatccact actatgccaa aactcatcta     420
cggtcagcat ggaagaagga agagtcagct gaccttgtca tactgctctg cgatatgggt     480
tccgcggggt cgacacagct ggccagccca agcattacaa cgaagaaggt gtagggcaag     540
gtgtacaaag agctatcaga gac                                            563


<210> 2435
<211> 625
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G


<400> 2435
ttttagttgc caaacttacc acagtcgctc attaagatgg ttcaactcaa catgatcgta     60
ggctctcttg gccttttcgt tcttggagct agcgctggac catgccgtcc caccgatacg     120
actaccactg tcataactga cttgaccacc gcaaccgcga cagcaacaac tgcccccgtc     180
acaacaagca gtgctgtccc ggaaggagaa ccagcatgca gtatcgaaag tccacaatat     240
```

```
ggccctactg gtgaatacga ggattactgc gacagcttca acggcagtac aacacccatc    300
gggggcatat tacctctcca attctctctc tgaatgcctg gatcactgcg acaaagctcg    360
cctggttgtg tgggcgtaaa ctacatcacg accaatgtac ctaattgcac catctgggct    420
tcacgctgga agatttggtg aactgaacgg tgtcatttag gcgaaacgcg tcgttgcaac    480
gactctggaa cccactgcgc cttgatgang angatgangt aattttttcng gtgccaactt    540
atcacnggca cgaaaaaaat gctncattta caaggactgg atatctgggt ttcataatct    600
gcacatcaat atgcacaacg aaccn                                          625
```

<210> 2436
<211> 382
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 2436
```
tggcgagaac caattcgcaa ctggtcaagg agtttattga aggctacaag tcggtatgct     60
catgggtgga acctacagcc ggtacgaccg ctttcgttcg atttaacatt aagaatggcg    120
aacctgttaa cgacgtcaac ttttgcttgg acctgttgcg gaagaacaac gtgttgcttg    180
tggcgggttc aaagtgtttc ggtgacaaca aggacttcaa aggctatgta agaatgggat    240
accgtttgtg agactgatgt tctggcagag ggattgaagt gattgggaac ctatatcgag    300
ttaaacctgt tgtaactaga ctaataagtg caaaggtcag tacataggta gcaaagtaac    360
ttagtaccca tattgcgccn aa                                             382
```

<210> 2437
<211> 649
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 2437
```
gtaggccctt tgggccacac agaagaactg ccaccttaca caagataccc agacaacgcc     60
tatgtgccca ggccaaccgc acaagcacct gtttccccag tatctcctgt gtcggaacca    120
tcctccccaa ttagagaagg accagttgct caaatacccg gtgccggtgg aattggaatc    180
gcaactcgcg accccgagtt ctcttcgact gatgacgacc tggctttgcc gaggacccgg    240
ccttctgtga gaagcgccaa ctcttcagac aacaagttna catgacatca atagtgctgc    300
cgctggactt tctgagaaac ctcccgtcaa caaatggcaa cggcgggcta agaagaagct    360
atgcgggatc cgtgccttac tgggccatat gtctcctgnt tggtggctta ttctgatggg    420
tattattaag ggtgctgnga ttgggacgat gctactaaaa atnaaccact tcgcccctga    480
cgttgacgat aacaaatttt atanctictta cttcaacaac atattaacct tgaaattttg    540
aaattatacc ttagcgattt accacccatg ggaaacaagg ccgtttttggc ctttccaaca    600
ttgacccttta gccccaaggg atataagggn ttggttttaa tgaaacaat                649
```

<210> 2438
<211> 504
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 2438

```
tcctggaaga ccttggctca tctacgaaag taagttaacg actaagctga agataaactt      60
gctgactcga tatagtcgcg aatccgaact gctgggcgac tccaagttcc caaatcacgg     120
tatacagaag tataaggacg acagtattcg actagtgcag tacttgtatc agacctattg     180
tgcactaaac ctaacaaacc ctacggaccg ctccaaggcc ctcctgggat tggaaagtcg     240
tctgggccgc acattccggt cacgggcagt atatggtctt ctatcggctt actttgagag     300
attacttctt tggcaacgcg accaagtttc ccccatggaa aatataccat atccaaaagg     360
tcagactgtt ccttcgtggt catggatgtc tttcatggga aagatcaact atcangatgc     420
cccgtttggc aaagtaaatt ggactggaga tgtggagaac cctttcattt ctcaggatta     480
tgttcactgg gaccgaaggt tgca                                            504
```

<210> 2439
<211> 444
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 2439

```
attacaccat acaaatactc tcaccaaaac taccaacact accaacacaa ccacttcaca      60
ataaacaaaa tggttcctac tgctgcttcc tctcatctcg ccctaaggt cctccctatc     120
atcttgactg ttggaggcgc taccgttgca agccgttcta tcgtcaacgc aaacaaatat     180
cgagagccgg ttcgagcaaa gccattccaa agtgttcctg ctcaaccccg atcacaatac     240
tttgaaaagg tcttagaatc aatctttgca tagaatgttg aaggttaaag gataatgaat     300
tatgatgggc ggcgtattta tgttttggcg ttcttgtagc cactctcgaa tttgctttta     360
tcaataaatt catataaaaa tcacnaaagg ttcttcaagc gaaacaattg ctggcctgcc     420
tataccgata agcaggttca gggt                                            444
```

<210> 2440
<211> 451
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 2440

```
ntaaaattag caaacggttn nttttttttnn ccagtccaan aacaaccatt ttttacgagc      60
aacaccaaaa taccaatcac ctgcanaaga cccaaagagc cctcccacca agacgacgat     120
gccgaagcat acctcgagca gagtgaacag caccaggatc atgattatcg tcttcttaca     180
agcttgagga ataacatggg cttttataac aagatcgatg cgaggttgac ggggcaccaa     240
cttatgaacc cgacgcttct tgaactccct cgcaatggga acagtaccca cgactttttg     300
gtcatcgcgc gcgcacccca cgtatttaaa aagatcaagg gcaaacgata caaactcgct     360
cgacaggttg cgacgtttgc gaaccttaca tacaacaatc tttggccgtc cagtgctgaa     420
aacgggcgag tggtcgagaa ttnttggtca a                                    451
```

<210> 2441
<211> 935
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(935)
<223> n = A,T,C or G

<400> 2441

```
ccccaactgg gttggaggcc acgcgcagag acttagggat gggctaaatg gtaacgcccc     60
agttcaagcc gctacccatg aggccaacaa catctcagcg acaccgttcg atctttcagc    120
gcaaaacttc ccttatcccg gtcagggccc tttgggtcca tcaacgccca cagtcgtaga    180
caacgctgtc gccaatatgg atgtcagcct cttcgaagac tggaaccatc aaggcaacga    240
gatgtggtat cttcctcctg ggccggcctt cttccagaat gttgagaatc cctccgttgc    300
aatgggtccc gagggcgtta atgtcggcgg cctcgatctc ctcgagtaca tggccatgga    360
tccttctcag ttccctggat tagatccctc ttctcgccct ccgacaagcc acgcttaatt    420
aaactgtctt ggtcctttca tcatcgattt gggtcaaaag tcttcggttg cacataatta    480
tcaacataca cgacagatat gctgacctca ggtgacggct atctggttat ggttttcttt    540
cggtttacaa ggtgatctac ggttggaaac cactggcaga aacccatgaa gacaatgact    600
acaacangga nggggggatta tctgaacgtc aatgcacccg tttttggaaa cagaaatggg    660
ggcatagtga aagaacgacc atacacttgt tgcagcggta gcagtgagga gtttgtcgaa    720
tggcaaaaag ccacggcaaa aataacagaa catattcagg gcgttggtta catactatct    780
agcttctatt tggagggcga catggaaaca tcatcacaag ttcggatttg ggtttgaagt    840
tcagttgcat agtctgcagg atcgacaatg gcagaatcat tatgatgata cgaaagatta    900
gaaaagtcct ataaaaatat aaaaactcta agaac                               935
```

<210> 2442
<211> 466
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 2442

```
ntttcacaca atgtctgata ttatcgcctg gntggtccct acggcacgta actntctggc     60
cganaaaaca gcccacctcc cctccaacat ntttcgcacc gtccaaatat catcctctcc    120
aacactctcc tcacgcctcc caaatctcct ggctagtcgc ccaacccgtg ccatcaagct    180
atnattcgac tcaccccca agcgcccggg ctctttcgtt ntgggctctg acccttccac    240
gtgcgacatc atncttccca ccatgccggg catcgacgca cggcactgcg agttgagctt    300
cgatgctgag ggacgtcttg tgctcaacga ctattcacag gctggtaccc aggtctggta    360
tgactgggan aacaacggcg accaaaaccg actattngtg gatcttgagc ccgggcgcgg    420
aacatgggtt tncgaatatg gngcagccca tcacgggtga tattca                  466
```

<210> 2443
<211> 350
<212> DNA
<213> Fusarium venenatum

<400> 2443

```
ctcttttgaa ttcagggtcg gacctcggga atggtggtat gtgtgtctgc ataactctgt     60
aatgactatg gcggtaaggg gattgagaag ttgaggggtt tggcgttacg gaatggtctg    120
ggttcaatcg gctggcgaga atttgaaaag tagcaaccag gccacaaga ggaggggtat    180
gatttgtatt cgaatgtgtt taggcccttg aagggtcgat tgtacgccgt actatttatg    240
catctctggt cgtggttggt gggctttttc tgggataaca aaaaggagg atgactagat    300
atcaggttag ttagtatgaa atattataat cattatctta aaaaaaaaaa               350
```

<210> 2444
<211> 350
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(350)

<223> n = A,T,C or G

<400> 2444

```
acaatttccc gttgttgctc agtctcacat ccgactgcgg gagagcatta tcaacagcgc    60
cagctttgcc aaggcgcatt cacaagttgg tgttaaatac gtcgatgaga aggtaacaga   120
cgcgagagag gcagttgagg gctgggttca gaagggcaaa taaagggttt aaaaaagcaa   180
gctgagaaga gatgtactat cacatagagt tccgaacact gttcatttgt atcaatagcc   240
ggtcccgctt agagccggct accggagcgc tgtatgtatt ttgaataagc aggttttttgg  300
tgtaaaatac cacaccattg cctgctattt attgtttaan aaaaaanaaa              350
```

<210> 2445
<211> 331
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 2445

```
cgaagccgca atatcttaat gatgacgatg tgctgtcaac tttggtgcag ggggaggatg    60
attacctcgg ccttgatcac gtagatagaa caaagacact gaggaacggc gttggggacc   120
tattccttcg ataaaaggtg ctagcagagg aggactttgt cgttcnaagc atgtaaagtt   180
tgaaggcaat atgtgtcgtn aacgatatga cagacacgag tatacatcat ttgcctatgg   240
tgcgagggtg ccaaaagcac catacatnaa ngaagttcag catcggcngt tatcctttga   300
tcggcgaacg cgtagttgna aagagaataa a                                  331
```

<210> 2446
<211> 558
<212> DNA
<213> Fusarium venenatum

<400> 2446

```
attcaaaatg tggagcaatc ccaacccccc caaagacata gcaccatcac gacacccctt    60
cccccagagc agttttttacc cgactgtcgt ttacccccccc atccccatga tatcacaccc   120
ataccgcgtc tttttaatgt atctggaagg ttataagagg gaaatcatac tccctcaaaa   180
tacaggccct atggtagctt gaaagctcca gcctgagtga agaagtgagg cgagagcgga   240
gtcagtggag gcgtctggct tctcggtcac aaatgcagaa gctacaaacc gacgagttta   300
cgtgtgtacg caggagacat catgatggtt ggtgttcagg cacatgggac tcgcgcagga   360
ctatcgccaa agctcaaggc agcgtcaatt gaggacgggg tgccttggga agcctatgct   420
agtgcatcag gacttctgag atggtgaagc tcgaaattac ggaatttact gccaagtggt   480
ggtgaatctg gttcaaaaat agccaggaac cgtaatcaaa gttgtaaaaa aaaagaataa   540
caggagtggt tgccccctc                                                558
```

<210> 2447
<211> 487
<212> DNA
<213> Fusarium venenatum

<400> 2447

```
gaattttttt tttttttttt ttaacgatga aagacctttt ggtcgattgt gaaagggcag    60
ctaaactcgc ttgccattta gtgtacaagc ctgtgtataa aacatgttcc tagtgaacgc   120
cttgattatc cccataacca tgatattccc tcgtgtcaaa gcaaaaaatt cgttatcctt   180
ccatcacccc aagcgcttag ttgcgctcgc ctcggaggcg gcgggcaagc tggatatcct   240
tgctctgaat tatttatgtg gttgcgctnn ctatcgacgg tgccaacatt acagttgctg   300
gtgagagcag caggttcgtc tttcaggaca tcactgaaga ggtggatttt atgatctccc   360
ccgagagcaa ggacgaagcg catgaggaaa tttaaaaggc ccaacagtaa gaggggtgggt  420
tttatgtcac atgaaatatc actatataat tacatcccaa ccaatatgca gttattatgt   480
attgctg                                                            487
```

- 923 -

```
<210> 2448
<211> 347
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 2448
caagacaaac cacaggtaga gagccaacac tgggcttccc tttcttccat acttggttgt      60
ctttgtctct tttccggcat aattttgcgg gttcgcgggc tgttcggttt gccagggagt     120
tagggcgcat gggaaaaatg aactgtggtt ccgtngctgn gtgcgtgcgt acgtacgtac     180
atgcttgaca aagaacaaca aactttacgt ggtgtcgcgt tcgttgcttg gagaatctct     240
gtccgagttg agctagatag tagatatcac ggcgccttct tgaaaagtac tagaaggggg     300
ctgccaactt ttttcttct ttttaacaga tcatgattta tgaaata                    347

<210> 2449
<211> 102
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 2449
ntngttgggc atantaaaaa agcattattg gatnggcttt ngaaaaaaaa aaaataattg      60
ctgngtccgn cctnttacta taagggccna atngcctaaa gg                        102

<210> 2450
<211> 542
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G

<400> 2450
ttttttttt ttttgnnaaa caaaaatnaa tccccttggc cggaaattcc aaaaaaacaa       60
ctaaaacgat aactacatat acaacccaaa gataatctta caacttggcg ttggggaagt     120
tcctcatagc ctgtctcaca ccaagatntc ccaagacctc ctcggcacca ccgagaatgg     180
atcaaacttg taggttctgt ggaacatctc gatgaacttg cccataccgg tctgggggat     240
tccacgacca cccaagattg gcaccgactc gtcggcgacc tcgtaaccgg cacgggttgc     300
ggtcatctta agaaggccca ataggaccgc caaggtcctg ggcttgctgg ctgtagggca     360
tgtggcacat ttaatatgtc acggtttcga gccaagaact ggtgggcttc gacgagggcg     420
atcatcctga caagtttttg tcgatgacgg gctggcaatt agcgactgcc aaatacttga     480
cntggttggc cacttgagan atcctcgaca agcttcttga aagacgaana ctcanaacat     540
gg                                                                     542

<210> 2451
<211> 387
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 2451
gtgacnaggt tngttganag tgagtgantg agtganagtg agtggtgagg taagatgaga   60
cgatgtttaa aagctgntgc ggtccacntc anatcgagtg ttctcnaggt cttccttgtg   120
aaagacaatn ccacnacgct tncatcctnc gcgtcggata aagttgtcna cgctgtcnag   180
anatcgcata ggangtcgct tgggtgcaag accaggtcgg gtagtatact ttgacggtag   240
acttgcgctt attacgaana gatgtgatgg ccctttttct tgtagttcgc gtataatgcg   300
tgcctagggg tagaagccga ggttgacata caaatacttt tttactttnc gcttagaatt   360
gttnaaatca aacgagttga tgaccaa   387

<210> 2452
<211> 1005
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1005)
<223> n = A,T,C or G

<400> 2452
gtcttctcca agccagggac gccgaaacct ggccgaagca ctcgcagcga tgcgatcaaa   60
caaacagaac gatgcagccg atgtttacac gcgatctctc ntttgggacc agatccccaa   120
cgatgtcgtg cgcaacttcg cnaaaatggt gtccgaatgc aacagcgcag aatgagcagc   180
aatgcaatga aatgagaaca tgaacgacga aacgaatcca agactgaaaa gaatatcgca   240
acgacgaatt cacggntttc atagcccccc actgatctac atcaacccoc atttcctttg   300
tacatttttt cttttgtcct acctttcctt gaagtcggct tttttccttc ctctataccg   360
gggatgagct gccatatact cgatgtcgct ctcgcgcact tcagacatgt tgctcacgca   420
cccaaacgga tggtcttctg tcttccagtt ggcgtttctt gngttttttcc tatttcggag   480
tcgttttttga tttcctatgg atctagcaag cgagcgtgca ttgatttgtt ttggggngat   540
tttggcttgn ctcgaaattg gatacctntt tttntttggg taaaggcatg gttggnggtg   600
gatgtggtgg cacttnnggg tcnaaagcan cgggnaaaca gaagcccgca gaaagcaatc   660
agactctatg agggcccagt ccatcagagt ctgtatatta tcacggngca tgaagggagg   720
caggatggtt attncctttt ngggttttct tttttgttat ggagatggaa attggcatac   780
gtcgagagac gacaatgact ggaatggtca atgatgacaa aaaaacgagc tcgcggngat   840
catttatttg tttattttgg aatttattcg attctcttta ncaacctcca ttcccaggng   900
gtctggtctg ttggaccata tttatgatga catggatgat attgagatag tatttacncn   960
gggaatattt gaacccgaaa aaatttgatt tctctcatat cggat   1005

<210> 2453
<211> 468
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

<400> 2453
tttttctcct ttcatatcac. tcggttccca cttccttacc cgcattgcat attttgaccg   50
ttgtccaaat gaattattga aacatcagtc gataatagga actatatcat cttgcgagtt   120
gaagtttggt tcagctatta ttatcctgtc ttcaaaacgc ccgactacac aatagtcttc   180
ctaccctgcc tactgtggac ttgaaccctg atctgcttga gtggagaggg accactgaat   240
tacattttac gaatattcgc gaaaacctgg ggaagttgaa actgcgcgtt cggatacgcg   300
gagttaccca aaacggaatt tccaaagctn cttcaaaatg agcaaagacg accagactca   360

```
tccagagtcc cataatcaac accatcccct cacgcgtgaa ccgacacgag aaganaagac        420
ccgggaggcc atagccgagg gccacgatgc cgacatcccc agcaacat                      468


<210> 2454
<211> 751
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

<400> 2454
cacaagtcca ccaacaccga gtttcagtct tatcagcgcg tctgactcgg acggcttgaa         60
cgatcgagaa ggtagtttct ggaatctaag cagatggaga agtacccgtc agagcaaccg        120
tcactcttcc gtgttgtcga gtcccaacgg atctccgaac ccgggccaaa gtcgtccagg        180
gagcgacttc ctcagcgtca aggacggtc atcccaaagg atgagtctgg gtatgaatga        240
ctcaaagcct agtcgcgagg aggtaaccaa ccgacggaga tcagcagggc ctcggttgac        300
atcgagattg tcggtgcagg gcgatagcaa aagtttggtt gaagaggaag tcgatacacc        360
cgagcagata accccgacta agaagcgggt ggattctggc gttggacgta taagtgacga        420
gtcggcgact tctattcagc cataacattg aatgatggtt tggagttggt tgatattaac        480
agtatacaaa ggggttggcc gtttttggtt gttagtctat tttaggctca ggccgtatac        540
catttggaga ggcgtctgat ggagtatcgg tgcgcaacac atggtaccat agcacacttg        600
gttttttttt ttttttcga agaggagcaa canaaattnt ggttaggagg aggattgaaa        660
aaggtggttg ataagaggac ttctncagaa ngcgagaang agtatgatga ccggtatgag        720
atccgagatt ccagcaaaaa gatacgttct c                                        751


<210> 2455
<211> 569
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(569)
<223> n = A,T,C or G

<400> 2455
aaaacatctg atctttcaag tatcacccaa ctttcttgat cagtagcaaa caatcactac         60
caactatcaa tcattcttct cgactaaaca caacaaaaat cattcacaat gtcgtccact        120
gaggcatga tcaacggcgg aagctcatcc gcaaaggctc ccgctcccgc ctacgctccc        180
gagcatacgc atgcacctac cgaaggcaat ggaggtttcg tttctcagaa caagatgtcc        240
gttgagccgc ccaagaagga agatctccag cgcaagtatg cgactgttgt tgaacacgag        300
gccggtacca acgactggta cggaggcatg atgaacgttc tcggaggtat cgtcggaacc        350
atgggtgcta ttccctgctg catcatttgt cccaacccct acaaggaatc caccagggca        420
acgttgggct cgtcaccaag ttcggaaaat tctacaaggc tgttgacccc ggtctggtca        480
agatcaacct ctcagcgana aacttctcca gatcgatgtc aagatcagaa caccgaantc        540
ccagaacana ttgcatgacc aaggacatg                                           569


<210> 2456
<211> 677
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G
```

<400> 2456

```
angtaaggca ntggagntga tggtgcatgc nanaagaact ccgagcgttt gattgctcac    60
ttcatcttca ctatctacta tcctgatatg tcctcagcaa caatcacang tctgaccact   120
gatatgtatg caaacatgag gctcttcagg ccaagagtaa tcgcatccgg cccaaggtag   180
atctatcatc atggcaacat caagattgca atgcacgaag agaacgttga aacagtcaag   240
gaacagataa ctgcaatcag tgtgtttcca gacacctgag gtttttgaa caaccagaaa    300
cgctatattg gtataaacat tctatataca ggatctcaag tatgcgatta ttgatcccta   360
attactccag ctgttccaag actagcttca aacaaaatca tgatattcgt gtcacatttt   420
gacgtcgcac aatctctcca aattaagcca tgatataggc aaggccaatg gcagcaacaa   480
caccagcgaa gggagctccg agagtaccag ctgcgatgtc ggaaacctcc ttgctgcccg   540
aagacttgcc agagtccttg tagtcactat catctgcgtc ggnatcatca agagtcaaca   600
agcttgncac caaangcttt tctggccagg ggtaacaccg gancttcagn tnttatgccc   660
nctccttgna gtccgga                                                   677
```

<210> 2457
<211> 770
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

<400> 2457

```
cttcatatgt agggttcaat tcagcctacg gctcatgcac agccacgcac agccacatac    60
tgtctgccaa ctcaaaccta ctctccactt agctgcaaac tcattctcca tcacggatcc   120
ctccccttgc ctagccgccg ccatggttgg acttggtcgc gactacacaa gccaagccaa   180
gatgggggaac gggaacaaac aaaccagctt cggacacgc cttggttggt cttgaacact   240
tcgtcatccc ttcaaacatc cctgaatcat attcatcctg cttcctcatc ccacctatat   300
atacaactat ctctccctct ccgcagttct tccttcctcg aaatacgcca ttcattgagt   360
tcccaccgct ctttgtaaac acgaaacaat gccttttgtc gcaaatactc ccgagtctta   420
tctcggtcga tccgattcaa aactcactga aggaacatgc cgtggtttga catccaacgg   480
aaaaccatgt cgccgcccag tcgttcaaca aaaccccgca ccaaagaccg acaggcgcaa   540
acgtccgtga cccctgatcc acgccaatga aaagtctcta ctggtgggca gcatcgtgaa   600
caaagccaac atctcagcac aatctanccc tgggccgcga cccaatgcga caccaatctt   660
tggaangncg tacgagcttg gatacgttga cngatagaat tgggaatggn gggnctgaac   720
gaaaaagaaa catgggaacn ggagaatgga tgggtcgnaa ccacaatcga               770
```

<210> 2458
<211> 276
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 2458

```
ntgagtttaa gggttaccct tttaaaagaa natccttntc ctttntttgg ggatnccan     60
agggatnttt ttgacccccc cgggccancg gatggggatn ccctggcca gggcccnttt     120
gttgaaaaaa aaagtttccg ggaacttttc ccgggggggc aanttngggg anaaaaaccg    180
gtccttnana ccccccattt ggcccngggc cgggctcgtt tttggggnaa aaangggtga    240
tttcccccccc ggnaaangaa ttaaaacccc cttaac                            276
```

<210> 2459
<211> 589
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 2459
gacgtagtct ctgcttacac acacatgaca gcaggcctaa aaacttacgc taacttgtta   60
ttgttgatta tatttacagg ggacagggct tgatgcactg gccacgcggg agctggggag   120
ctctctccac taactcgaaa agatttcggc gctgaagggt tcagatcttg gatcgtgtat   180
gggacgggag tatgaacaat gaacaagtcc aaggcgatcc cgattctttc ctggcaattt   240
ttgctggtta gtctgtgcag cagcagagtt atcttcggta caggacaact tgtagtacta   300
agactgctgc tgccaatgtc acacggatct accagcccat ctcgtgtaag ccaatatcca   360
aaaggatgta ttactgataa tcgattcgtc cacaggtaac cctggtctat agctcaataa   420
ttcccaaacg agattaccgc acgaacatgt cagcaatgtc tttccaagtc gagtctctgt   480
gqcqtttatt ctctttccaa aaatgaaaan gatgcgcacc tcaactaccc ttcggtccaa   540
cnatttcgaa ccaagacatg cagantccat cqtcaagtcg aaaaatgca   589

<210> 2460
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 2460
ttcaagcaac aacagcagag acaacaacgt catgagcagg aatggaatcg cccccggacg   60
cagccctgac aatttcgtcg actagcgtat gtgcagccct catcgtcgcc cgctgcatct   120
accgactggt gtttcgatgt cacatccacg caacatgcca tcgtcgctgg cgcatcgacg   180
actttatat gaccatagcc attctacctc tgatcggtcg cgccttgtgt attctgtttt   240
cgttctacct taacccggga ccacacgtat gatccagcga cgcaagctga ggcagatggc   300
tgggatgttg gtgtgcaaga tttgaatagc gagagggagc tttctcacaa gttactcatc   360
cctgcacgaa tcttttatgc attattttta tggtgcttga aacttgggac tgctggcctt   420
ttattcccgc ttcatcgatg tctttcgttg gggcaagtnt gttacagatg cgctttggtg   480
gttcatcatg gccacatttg tcgcagtctt tataacaatc ctggcagaat gccgcccact   540
atctctaatg tgggcgctca attatgatgc tagcaaagtt gcatgcaccg cgcc   594

<210> 2461
<211> 290
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 2461
aaaaaagtaa aagttgagtt tggtgatggc tctgattgaa tgctgtccaa gtgcttgaca   60
catgctaatc gtacgtttta attgataaat taaaaagtgg tgtacaggtg agtataatga   120
tattcttcgc cggccttaaa gtggaggtaa atccttcata ataattaaag gaaacanggg   130
ggtgtagtaa gaaaccgcta ataaatgggt cgggctctag tgtattagtt gacaatagtt   240
aagtgagatg agatattcct tgctcttgaa ttgaagtttc tttgtttcg   290

<210> 2462
<211> 562
<212> DNA

<210> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

<400> 2462
aaatcantca agaatgactc attccaacga ccagaagatt gccgagactc aggccaacct   60
tnctctcccc gaccagcccc ccactgcctc tgactggcaa gtccgctgac gcccgtaacg   120
tcaacgttgg cgccggcaag gtcgagggct cagttggcac tgatgcccat gcccagtctg   180
gtctccgtga gcccgctacc aagggcgagg aggtcgactt gagcaatgtc ggccgcgagg   240
gtgttcanaa naaccagcaa taagtgctgt gcctgtntgt acgatgttga gagaaatgaa   300
aaggaaaggg gacggagagc gatattcgag gaggttaatg atacctacgt ataatcaatg   360
aagcgaacta taagcattga aaaaaagcca agacaccaat gactgccgtg tcaaccgggt   420
acccncattc ncccngaagt ttttgtgttt ttgtttgccc aaccttggct ttcctttgat   480
acttacccc cggngaatcc gcgcttacaa atttggacnc ccgattnttn tgaacaggct   540
tggaccncca atggcgatcc ct   562

<210> 2463
<211> 112
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 2463
nccacaccng cataaagccc gnagccaata caanggccac cgacagcatn caagaccccn   60
gcggncacga caanngagcg cgacnncgac cgcaangaca cacaagcccc cg   112

<210> 2464
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 2464
ttaaaagaca ccaagaatca aggggcgacc tgtaccacca gcaatgcaac acgcgagcgc   60
gcacacagag gggactggat cgatatcaag gggacttctt tttcttccaa ttcgagatac   120
ccattgttta tttccatttg gaatgacgcg agcaagcgaa gccaaagcta tacggcgaga   180
agaaaggata gcaacgaacg aggagaggga tcgacaggac acggcgatta ttattttatc   240
gttctggaat ttttgtttcg gagcttggat atcttttga cacttttact ttttctttgt   300
cttctttttt tgttactttt gattaggacc aagcgcgtta ggataacaaa aagtgattcg   360
cacttagaac ggaacagttt tactacacgg taattggagg atctaacgtc tttaacgttc   420
ctcattgatg gatgttttgg aaagcaacgc ccctcatgca cttttattt anatgggtat   480
gaaganggta ngaagttggg ggagccaggg aatatggctg ggctattggt tatccatacc   540
actttcaagt tggatattat tttggatcng ggttttattt taaatatttt ggcaaaaaaa   600
atcgcaactt tattttnccaa   620

<210> 2465
<211> 264
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G

<400> 2465
ncgctaanaa catacctaaa atatcacaca gtgtcaccag gaggcctcgc aaggatagtg   60
cgaacgggat agagcccggg gcgtctcgga ctctgggtag tgtaaactag taattatttc   120
tttcttcaag catgatgaat ggaaactata cggcaagatg cgtggcgtgc gctcgaatgt   180
tattaggttg agtctcgagt gggtgaagag caaacaatga tagaattgtc nctaccctaa   240
aaaaagaaaa aattcaaaaa aaaa   264

<210> 2466
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 2466
cgccagcgtn ttaaccgaac ccacctaatc attccgcata cattctcaca cactacacct   60
gtctcactac caccaccttt aacagcatct tcccatcctc gtctgtctca tcaggtggca   120
ttgacgtcac cgccggctac tggaccgact acgattcatg attgtgaccc tgcaagctga   180
agaagcacca tcaaagtcgt gcggaaacga ggggtagcac cacattatcc cggggtagga   240
gaagctagag gcgcatcgat gcatcacctg ctgcggctta tttcacttac tggttcaaac   300
tgcaactcac acccacgacc cttgggctgg cacccatcaa gtcattcttc aaccccgcta   360
ttatggatcc caaccagcga ttctaccata cttcttgaaa agtgnaacgg ttcttcaaga   420
cctnatcgat gggtaccgct attgccagtg ttggcggaga cgccaggag gccattgatc   480
acatctcggc tagcatcgna aagctacaga acgaggtgcg gatgctgaaa tatactcctt   540
cctatgatcg aaaccatact cagagctatc aaacttacaa gnaaagtgga cgagatntac   600
tngatgcncc aagtcgaatt taattcgccg gca   633

<210> 2467
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 2467
accaagcatc aagcttcctt tctcccgtcg tcactcgacc tcctcgagct cggcagaatc   60
tgccacatca tcagcagtga caacgccagc aagttcaccc ccgaacgatg gcctttaact   120
aagaacggc gaaggtcgaa ttaattcgac cttaccaaca cgntgcgtgc ttaacatgct   180
ttgcaaattt cgcctttgct ccaagtnatc ttcaaggct tnactggcca atccgnncgg   240
cgtttnttgg tgcgccgccg ntntcctgcc cttaaacttt gaatacattc ggattggcna   300
aagtgaaat cgacacttgt acaaggtggc atggtggtgc anaaattaac tgngggcat   350
gcttcancaa acttnggtgg aaatatgtng atgcaaggag caaggcaga aataccaaag   420
tcggcaaatt attctggaaa tggagcnggt cgtgatatat cgaacttgga agacncatcg   480
atgaacatga agagganaat cccgcgacct ccaanaaagg tggtgaatga aggaaggtga   540
atttgantct taccatgatg atgaatgngg aaggattttt tttgcggcnn ttgggatctt   600
naattttggn aaggaggcna aaggaaaatg atg   633

<210> 2468

<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 2468
```
catagctggg cctcctattt aactgccaaa aagtgtgtaa gtcgcatcac tccccactgt     60
tacataccga gtccaatccc atccattgca tttgctcttc aacggcgccg ctgtgttggc    120
gaccccactt taccgccgag gatttgctca acaacgtcag taagctctca ctagccacct    180
cgagtgagct tgctggggga gcgattttct ggacaaagtc ttggtccgac gaggatgctc    240
gaaccaggct ggtctatagc ggagacaggg tggacaacat gatagagagc agagttgtga    300
gaggaagaga gagtagcgca gagaccgaga gaaggtcaga gaagacataa cggccgcgga    360
gacaccggag agccaccggg caacggagct cctgggaact tgaatcgggc tgaggtgtgc    420
ggtgaacgtc cgtttctgca tgggatgatc cctatcatct cactggatgg tgcggcgcat    480
cgttcaacag tctcagccca ttcaacagtc ctggaggtcc gtggaattct gnatacnggc    540
ccgtgactct cagctgattc gtaacggacg tcgggtctcg ccaattgaga cgcagaatgc    600
tgcaagatga attagaaaaa aaaaaa                                         626
```

<210> 2469
<211> 355
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 2469
```
tgccaacgaa atcgacgttt ctaccgtgaa tggtatcctc gcagccggta tggtcacttc     60
caacgtcggt gctaagtgga tgggtctcct taaggaaggt tccaaggtca cactcgagat    120
gtcctctggc tctgatgggg atgttatcat ggaggagagc aagaacgaca agacgggtgg    180
agcagtgagc acttactcct cttggggacc tacttgggag atggacntca agccccaatt    240
ggctctcccg gnggaaacat tntttcaact tatcctnttg ccaanggggg gtaccctntt    300
ttttntggaa ntaaaaaggn ttgccccttg gcgcccgnta ctattgnttt tattg         355
```

<210> 2470
<211> 501
<212> DNA
<213> Fusarium venenatum

<400> 2470
```
cagaggtagt ttcgcctctg tggcaccaga agatatcaat gtcggcatct cattcaatgg     60
cgcaagtgtt atgcccgttc agcccaacga tgtgaacggc acaggcttgg ttggcaagaa    120
gccaagcatg agcaagagag ccgatggagg aatggagttg ctgcgatcat acatgctggt    180
aggcaggatc aacgtgaca agatgacggg taatatgact atggacgagc tcgaatccca    240
nttaatgcca attttacct tcactgctcg caacagcagt gggctatga ttcggacaaa    300
cgtctcagtc aacgaagccg ccttccttac cggtgtcttc tcccaagaca ttgtcttggg    360
ggactttgcc atggcccaag ccgcagtcga cgaacagatt gccgctctca acaacggcac    420
tgtcgccttc atcctgcctg gcgtggactc atggtcttcc ccatccgatt gatcatcaca    480
acatatggct gctcccttttg t                                            501
```

<210> 2471
<211> 539
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G

<400> 2471
ggtaccaata gacttgtcca tcgcaaagtc atatggagag ctaactgcaa caacaatcag   60
ttgcttcttc tggcctctag ttcgcagcat ggtacgctcc ctggcacgtt gcggaagagc   120
aaaaaagtgg tcaagtctag gcagcactgg ctggtcgagg agtacagctc cggacgtgac   180
gcatcgggat tgaatgacct tcttcgggct gtccaccgag caagtgcacc agatctacaa   240
ttcttacgtg caacaacggc cgcctcgttt cagctgaaca accccagcat tgccgagtcc   300
cactttgttg tcagaaacag tagcacaaat gctttgtatg gatcgctgcc acttattatg   360
ttcatggcgt cggcgtcatg ggtggtgtgt ttgtcaancc accaancgtg attgtctatc   420
ngaagtctct cnccgacggc aatgaagaac tcctgccact caaagctcaa caagtcanaa   480
tgnccgcttt ccggaatttc ctnggtaccc ctgaattcag gtaacccata aaaaaggtc   539

<210> 2472
<211> 522
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(522)
<223> n = A,T,C or G

<400> 2472
tagacatttc ccttctcacg agattcccga ttgcacattg actttcacta ttcgactata   50
cttttctcac ggcgttaaga ttcccacggt tcctcacttt tcttcacacc aggcgacgag   120
acnaccacca cacgcttgtt tcagcctgtg caacgcatgg gtattgtttg atggagtaat   180
ttgggacagg gtccccggtc attcgacttg acagcctcac tttcggggtt tggctttggc   240
tttgacggag tatcacaaga catggcaaag cattcatcac cttcgcaccc ggcacatacg   300
ggggatcggt cttttggaat tggatgggac aagacaagac aaggcctgga ttcgctggca   360
ctggggttta tttcatttca ggggggtttt tatgcaaaat ttggtttttt ttgttggcac   420
agatttattt gctgttgtat ttgactttct ggcggatgat ggcgtttaag gatgaatgaa   480
tgtttgttgt taattgcctc tctcaattca tattatcact tg   522

<210> 2473
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 2473
ncnttgggcg gatgtatcan ccaaaacaca tccnatggtg agggacanac agccttgggg   60
aannacnncn ttggggggac ttctgatgng gtgaanagag gttt   104

<210> 2474
<211> 571
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(571)

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<223> n = A,T,C or G

<400> 2474
cagcttcgac tccatcaatt gaccacccgc agccggtctt tccaccccga ggagctccga   60
tttcgattct acgaggcatc tggctctatt ttcacagtct caaccgccgc aatgtcttct   120
ctcactcgtc ccatgctccg ctcaccggct ctacgtgtcg ccgcccgacg cttcgagagc   180
accactgctc agaagctgct gagaacgcta agcaggctgc caccagagcc caagagggtc   240
tatcgcgtgt cacatctact gctggtcctg ctattgctgg ttacgcaaag ggtgttgcta   300
gcactttggg caaggttggc ggacgaacgg gcaagatcat cggctttgtt gancgacagt   360
cccttcgtct ctactactcc aaggtcggct caactcggca atttatttcc agaaccaaaa   420
angancctcc cacatnggca cttccaanca ctacaaacct ctcantctca aaacgcactt   480
atcatctcta aactctcaca atnaaantgg ctccactngt cggngtnttg cgtnagtcnc   540
gttctcncgt gggaatatgg caatcacttt g   571

<210> 2475
<211> 475
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G   .

<400> 2475
ctcgaaaaga caagacaatc agaaccatcg attaaaattg caaacatggc ggccaagact   60
ccactttctc aggcttccta tcagcctgtc ccaagagacg accctactgc tgatttgctc   120
ganccctccg agagagacga cagagaggat ggcaagccag ctctcttgag ggtcaaattc   180
tccttcattc tgttgttgag gttgttgatt gccccgctcg tcatcgccga tattgttttc   240
atgtgcaatc cctattactc tcccgcctca gccggnattt ttgctaccgg aggcatcttg   300
ttagccttct ggcatggatt ccgtgtctng aagagctgct tccctagtgg aagccgcgac   360
aacttcaacc tcaagatcgg aagcctgttc tgcatgtgcg gcacaaccgt cnaattctcc   420
caccanaccc tccaaggngn gggcgtatct cgtcagcctt gncgactttt tcttt   475

<210> 2476
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 2476
caaagttcct aaacaacttt ccaactacta ccaaatcaca cattttcgag taattcctcg   60
tcttcacaac cgacaacatg cctttcaccg ctaggttaca ttcccggtat tatccacgct   120
ctatacatca tcctgaagta ctaagcctta ccgcacttga cttctcaggg ctacagcgca   180
tcccaaatgg cttaatgagt accccgcttc ccaacaaccg acaacaactg gtcagccatc   240
ggttgtcctg gaccagcga cattctgtct gacagccaag acaccaatga ctgccgtgtc   300
aaccgggtac gcgcattcgc cggaagtttg ngtttctgtt gcgcaacttt ggcttcgttt   360
gataccttac gccggtgatn cgcgcttacg agtttggacg ccgattttat tacangnatt   420
ggacccangc naaccagttc ttnttttttt ggtatttgcg g   461

<210> 2477
<211> 567
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 2477
attaattctg tcaaacgaag ggaattctcg cgcatgatct cgaactttac agtactttaa   60
taatttcatc gaaatcttca aatctgctat tgccgttgga aacgcaaaaa agtgtcgacg   120
tgcacgattt caactcagag accatcttcg gcactctagc ctctaaacca aggcaaccgt   180
gattcatgtt gctcgttcat tgaaaacctg ccattctcac acttcaacaa ctaccatctc   240
taatctcctt gctcatttcc accaggcgca tgacaacgat ataaattatt cagcacgcgc   300
ctccttcaac catggcagtc caagatgcgg gcggctcaga aaaccaggaa gttgacaagg   360
cggcgcttct tgatcaaatg gtagctgcgg ctcaggaaag cgtgacgcaa agcgaagacc   420
aagaggagcn gccaaacacc gaaggactca acgaagaaga cccctgcgga atttgactgg   480
cactgtccga gaccagaatg atctggaacg tgacatcaca ctacaagcca acgctgcctt   540
gaatgaanct gaagatnaaa aaggacc   567

<210> 2478
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 2478
cttctaaaca gatggagcag gtttccaaca tcagcaagca atacgtcggc gactacagcg   60
acaaggtcca gggactcctc caaggcaaga ctccttctcg ccagaagatc gacatgcctc   120
agaactccaa ctctgctctc cctgccaagc agcctcagtt cccctcccct cctactgatg   180
agcccattac gtctgccaac cctccccaaa ttcctactcc cgccggtttg agagaggaga   240
ttaacgagcc cactggtatt gacactgcag ctcctgagct tccccacnaa anatgttgtt   300
cccgccaagg agcccatgct tggttttaa gtgatggaag cagtgcagtt gccacatgta   360
cttgagctga aaaggggcat agattgcctg aacaataaat atgttttacg gcattttggg   420
gcgcacgtct ttccttaaat cgggagcaaa ggattttcag attggacagg gcgcgaatcg   480
gttttttggga tcattgctca acacgcaata caaacagact ctaattgacg tatgatgaac   540
gatggttaaa atatggatgg actggacgga tactcntctc ttgaagaggg tctgaaaatt   600
agcaccctcg cttaatgcgt ttgtggaggg att   633

<210> 2479
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 2479
cttttcgctc caatggttct ggccgtttga ctgtcgccga tatcgccago ttgaagatct   60
agtcgctcc caggaagtac agccgccat catgcctctt tgcggactca tacnaagccg   120
cagcgcaaag ggtgacaagc ccggcgcgc gcgcaccatg tccatctttg gcaactcgaa   180
tatccacgcc atagatgctc ttaagggcat ggttcgtttc accaccgccg cgtntccagc   240
tcacatcac ggttgggatt cggatacaac gcataaacct cccccgaccg atnaatgctc   300
cagcagaac tcgaatccac aagcaccaat caacaacatc cccgatattc atatcaccaa   360
tgagatgggg gaaaccctcg acgtacata tgacgacttg cgaggcttaa aacctcgact   420
ntaaaaggca aattggtgga attttnttcna aatgttcagg gcgagagtga nagtgcnatc   480
agcgaacttg tccaaggngg attattcact aggngaatta aatacccatg ggattctgac   540
ttntaatggg aagnttttgc ccntttgccc naaaaanact tttaaagccc tta   593

<210> 2480
<211> 376
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 2480
ggagaacctn gggggttgtt caccgaggag catacagaga acatacatca tgaacccata   60
gattttttga taaatcgcga nggggaaga gtctttgtcg tcacagccac tcctgagacc   120
cgccattctt tcgatttctt gatgttctcg nggccttgtg aggcggttgt agtgggggtg   180
gctcgctcat attgacgttt aagcggggg tttgatnttt tggagactgg agatcttcat   240
aaaacaacga agtgaggcaa ccataagtgg gtttggggqg agttaactgn gaaaaagttg   300
gaattggtga atatcttgtc tcgctnttgt tcagttgaat cgtgacgtct tcctttctna   360
gcaattgtgt ctncct   376

<210> 2481
<211> 546
<212> DNA
<213> Fusarium venenatum

<400> 2481
agccgctcta ataccggtgt ctagatgagg tccatacgca tcacggctgc cgaatttccc   60
ggtaggcagt gtcaatgtta ttccatgact tccgtgatgg tgctattgcc gtcacattga   120
ctttcaccct caccctcagc tgcataggtc ttcaattcac tacgactaca agctgaggtc   180
tttttcttct tccaagtcgg tcagcgacag cagcttccgt ctcacacccc caaataggct   240
accaataaga caaaaccgct gtatctaacc tgaaataaac aattgtgcca gacgggctac   300
agcccgatg tcataacgca ccccatcgcc gtacggaagg accttttagc tcgccgaatg   350
gatgacgttg gctcatgcgt caagggttct cttctgcttg tcttaatgct gctgccttga   420
tgtcacaaac gggttgggtg acaggaacca caccgcaaaa tagaacaaga aatgggaaat   480
gaagggaag gagggaaaac aaataaaaaa tagaagaaa ttaatgacaa gaatcattga   540
ccaccg   546

<210> 2482
<211> 509
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 2482
ctgcatcgca tcctgaagcc ttccanaaat ctctcatcta cgcgtatggc ttgcgcaaca   60
cggctgggg actcaacacg cttggtctat ttgcttttttg gcaattctcg cctatctgcc   120
aagtcagccc gttagctgcg gnggtggtcc aaagatgtat gggaatttgt ttcatctgtg   180
gatccctggt tgcagctggc gatgcagttg ttgcaaggcg ttttgcaaac caagaacaca   240
tccaggaga ggccgaggat aaagctacca aagctagcat cagtcacgcc gttactggcg   300
tggttatcct cgcgacaggt ctgtttctat atctttgagc tagtgtgttt tgnggnggac   360
attcggatct tqtaacaaca tcttcgcctc tctggtcttt atgaatcatt actgtatttt   420
graggcgat tgccttgatc ttcngaaatg tatgaacaaa tcgctctctc aaattgnatg   480
ccgataaatt ctntttnaaa aaaaaaaaa   509

<210> 2483
<211> 494

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(494)
<223> n = A,T,C or G

<400> 2483
caacaaagac cattggaaga tgcatctcga tgctgccatc acaatgtttc aacagatcct   60
tcctcagccc gagcattgga aggaaacgct agaagctctc tacagttacc gttggccacc   120
tcctgagatg ggcgtccgcc gaccctttag cacaaaccaa gccgcgcttc gtttcttcac   180
agctaacgtt ctttacatcg atgtcatgtc cagcataacg ctcgagcagg cgcctcgcct   240
tcagaagtac caggaaatca tcatgcccag ctgcaaggca cacgtcgcac cggaagaagt   300
tcgtatctca ggatcactct tcatggaaga gtatgtcggc cttcataatt gggtcgtcca   360
gatcatcggt gatatttctg cattggacgc ctggaaaaag gatcaaaaga natcaaactc   420
cctatccatc aacgagcttg ttcaacgaag taaggtgctg gaaggtgcta tcaggggaag   480
attgagtgtc attg   494

<210> 2484
<211> 541
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 2484
cgatatcatt cctcaatcca ttcctcgtgc ttctcgagcg tgggcagtcc caggctcaac   60
caacatcatc ccagccaaat tcccctctgc ctcacccaaa cccacaactt ccgacccgna   120
agaaattgcc accagcgtag tcaacgcgtt caacanggcc ctacagagca aagactaccc   180
cgctctatcg caactcttcg ccgaagacgg tttctggcga gatcatcttg cgctcacttg   240
gtcctttaga acagtccaag gaccanataa tnttttatnt ttttgaagc aatcttctca   300
atcaaaaaat gggtttcgnt nggccaaaat cggtctcgat accagctccg cagngcgaaa   360
gcctcaatcc atccctatcg atggcanggg tgaaatacaa ggggtcaatt tttttcactn   420
ttganccgtc taagtaccgg actggtcttg cccnatggng gaggcaatgg ccagnggaan   480
attttncttt ctaccncccn ttaatgatct caanggtatg aaaaaactgn caaccacctt   540
c   541

<210> 2485
<211> 1008
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1008)
<223> n = A,T,C or G

<400> 2485
ggggtaccct ccttctgttg tcaactctgc caaacgcgca caacccggac atagcaacac   60
atcatgaagt tttcccacgt agtcgccggc ttcgctgcca cggcgcatgc ttttagtccc   120
aagttcaaca tcttcggcga caacgataat gccgacacca acgctcctca taggatccct   180
acggcccatg agtctgttgt catggcgcgt cgcatccttg ctcttaccaa ggtcgccact   240
ctctcgactg ttttcccttc tggccaccc aacggtgatc ttgccatcga tgaaaaacgc   300
ccgaacggac tcgaaggtgt gcctattggc atgatggaat atgtggcaga atgcgaagat   360
gaaggtaacc ctaccattct cgaaattaag atcgcaacaa cgttcaagaa aatccggcgc   420
tggatcgaaa cttacactct ccatgaactg gggtccgccc tatccgcccg ccaagcgcat   480

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ctccttctct ctcgtctctc ggcatatatt cccttcctcc ctagctacaa ctacaacaat        540
cgtgtcaagg aatcttccac cccggaacac cgttccttac tcagcggcca atctggcccg        600
gttcgccctt ttggatacct ggagcccatt gaaaccactc ccgtatnggc tgtcaagctt        660
gcagcatgct ttacgcgcaa gcatnaagac gctaagtact ggctgcangt aatgncattc        720
atgagagctc atgggcgcgc ctggntgtga ccaaaaaata ttgggttggc ggntttggcg        780
aacgggcgcg aantggctgg ctgcctgttg acnaatggga agagcgtcac cagagataaa        840
tgggagaagc atcaaacttn cccggtgagg aaanaaggtt ggagccantg gtnaatnaac        900
tnttgggggga gagctngaaa aggngggatg acctgncctt nttggaaaaa gcttaacttt        960
tantggtggg tttgggggga nnttcggcgg gnnaaacttt tgctatgg                    1008


<210> 2486
<211> 527
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(527)
<223> n = A,T,C or G


<400> 2486
ggcagcccct ccaaacaccg cctgacgaaa acacttcaag caagatcaaa actgtacctg         60
attttaggtg gtcttgtcca tacctctttt actgccacct cttttactac tacctccttt        120
agccttgaaa cgacacgana gccgcttaca cacattacgg ctccttgttc ttgaacttga        180
ccaaatcttc aaaaccggct atcgtcattg tcgactttgg tcaatttata ccccgctccc        240
gcgacaacaa ttgaatntcc agggacctga acttggccgg agacnaanaa cacgatggcg        300
cttccgtcca ggaaaatctt gntcgaagct tgccgnccgc nacaccnttg agcttctcga        360
cnantgccta gagtcgaaga ccgacccgaa atctcaaagc tcntctccaa accaagaacc        420
gttttnggca acactctaca tgaaactgcc tctcgccgaa attacnaatc tccaaccctc        480
cttnaacacc cggaattcca attggntcct gttaacttct gggaagg                     527


<210> 2487
<211> 834
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(834)
<223> n = A,T,C or G


<400> 2487
ctctaggtgc ttcgttcgac aatgttcaac aaactgctcc ttctgggtct ggcatctttc         60
acctttggcc aggatgatgc acctacaaat tccagtgtca tcgatgagga gatgggccct        120
gccgctttca tgtggccccc agaccgtgtt tggtcgggag acatggataa tagagctcct        180
tgtggctcac gggctcctgc aggcaacaga accgagtttc cactgactgg tggtgctgtt        240
tcccttgtcg cgcaagatga ttactacaat accaagatta gtatttcata ctcaaatgac        300
ccatcatcaa acgacgattt cgatactctc atccaagaga agagtattgc agacctcaac        360
ccaggtcata gctgtgtaaa agtctccgac gcgccatcga gcgtttcagc aggcgataat        420
gcaacgcttc agattatttc ccgcgccgac tgggacgctc cccacaacca aacattctac        480
ggtgtgcgg acatcacatt cgtctcaaag gctgacttcg actttgcat tccatgcttc        540
aacgttactg accaggagac gatgacaaag cccgccggtg caacggctga tcctagtcca        600
agtgcgacac atcttcatac ctctgatgac ggctctgatg atgaggatga gcaagccaag        660
cggtgccaag aaaattaagg ggggggcta ttgcttggca ttggtggngg gctnttgngg        720
cgggtgtagt ctttgattgg ttggcccgg ntnttgttat tgtgggcggc gaaanggagc        780
aggccaagaa aaaacttacg gattgnccgt ttggaggata atgttcgtaa gcat            834


<210> 2488
<211> 522
<212> DNA
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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(522)
<223> n = A,T,C or G

<400> 2488
cctgtttagc gattttatgc tgtcgacaag aagcccgagc tcgatcctnt taagcaacca   60
gtattgccaa cttcccaaac tgtcacatcc ganagaatcc acganaccac tatcgacgat   120
gtcggcgana ccaaggctgt tattggagag gttccnaaaa caccccctcc ccctcccccт   180
cctcctcccg cacctaaaaa gaagggtttc ttccnaagac tgaanaactt tgtctttacc   240
cttctcgtcc ttggtgctgt tggcttcgct ggaggtgtct ggtactctcg tattagcgac   300
aacttccacg actttttтас tgcatacgtc ccattcgccg agcaggctgt ctttacctgg   360
aggagatgga ttacaagaag cgattcccaa cgccaccggc cgatccaaaa accaactacg   420
ggggatgctg taaanttccc nttnaaagcg gtctttatgg aaagttgttg aggccaactt   480
actcgagngt ggcctgttgn ttgcnccaan aggtaaggaa ca   522

<210> 2489
<211> 631
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 2489
caattgcctc gatttgcttg gttgattgag gaagacgaag agtaaccgtt ccaccgacca   60
gccgctgtgc tcaacatcgc acgcgtattc tactaaatcc cgaaccccga gctgcgcctt   120
gaagctcgta cgaagcttga agcaaatcta caatcattat tgcagagccc gtccacgttc   180
ttcctacatc atgccggaca gcattttcta tacctttacg gcctatgcca ccctgattgg   240
cgtcggctat gtcatttatc atgtgtccac ccaaaaggct cgggctcagg ccaaaggtca   300
aatcaaacct gccaagaccg tacagccaga gacacgtaaa gaagatcgaa agaagaacag   360
ccgccaggag gccttcgcaa cagaggccaa ggatcctcta agaagccaag gctgagccag   420
acactatgct ggtcgaatag tgncaaggag aaagatgaaa catcgccacc gcnagtcgcc   480
aggagttnca aaggccaagg agggaccaag ttgntncaag ttgatgctgg naacagcgag   540
aaagctggga agcatnttgg gccacaaggt tgccagtgtt ccgaaanaag gagtcagccc   600
agnatttacc atgggngccg acccgcaatn n   631

<210> 2490
<211> 404
<212> DNA
<213> Fusarium venenatum

<400> 2490
cgttccacct caaagacctc cgacaccaca aataccaggt cgacgcgcaa acaatcgcga   60
ttcaaaaagg ccagagacac tgttccaccc ggccctcttg acgtccctgc cactttcatt   120
gatcaagatc accccactgc gcccactggc cccgatggca caacactcgc tgacacatta   180
gttgagcgtg aaccaacaag ggctgctcag ccacctgacg aattrgacga tgagttgata   240
ttacaagaag ttgccgatga gcatcacaag ctgcgaaaga aattcatcca gcgggaaggt   300
gggttcctca aagaagatga gtctcctatc cagcctctgg aagagcaaga tggtggacgg   360
gagcgcgtca agtcgcttca aggcggcgaa gctctcgaaa tatt   404

<210> 2491
<211> 464
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 2491
ntttatcacc atggtggtaa acacattctc aatggcccaa gttgctgtcc cgatccgcca   60
tgttggcaaa aaaatggttc cgactgcgtc gaagtgtcac gggtgaacag ggagaagtca   120
cccttttgaaa gaaaagctac cgaaaatgat ttttgccttg caagaagtgc aanaaaatgc   180
ttcccgaaag ggaccgttac aagaagttcc gagggagggc ttgaccgaag ttctgccccc   240
actggtgaca accactttgt tatcgatgcg aagacacccc aggcgggccc ttgttcangt   300
ccgaggagcc gaaaaaccgt ggccgaatgg gaccaacaaa aatgcttcag gggacccgac   360
aggacaaana agacccaaga cttnagggggg ccttcaaggg tcccntnttt tggacccccg   420
tcaaatggat ggccttgaca aagctaggga ttaaatgggg aagc   464

<210> 2492
<211> 354
<212> DNA
<213> Fusarium venenatum

<400> 2492
ttcggttata aaagacactg gaagaccaaa aaatccttct tccttctttt ttcttttctc   60
cttcccttt ttcgaatcaa ggcacatttt cgtgggtagc ataaagaaac tgggctgggt   120
taggttggga caaaggcagt gggcaaacgg gacaaggcac gataccgcac aatggcgttg   180
aggaaaggct gggcagttct tctttggttc ttttgtttta tatttttctc tgcttttcca   240
gcagcatggc gatggatgtt catgatgttg gcctatttac ccttttttct tatatttttag   300
tttacgtaaa gcaacccgca gcattgcgtg aattgataat tcttttgaac tgtt   354

<210> 2493
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 2493
ctgcttgcgg gtcatgaaag gtgtggccgg aggtataata gtcggcagcg gcattgactg   60
ggtccaagac gatgaactgc gggatgttgt actcgaccct gagactgatg aatgatccca   120
cacacccttt ccgaagtcca gaattaccaa ctatcagttg tctacctgtg cttcactaag   180
atgaccatct ccttgtcgat gatcccacca cacggcacga aagtcaacac ccgtcccgtc   240
ccgtcgggaa ggatacgtac cgtcttgacc aggacgggat tgcaagatct tccgacgtgg   300
agacaatggg tgtctttgag agaatgcaag caagcaagac tccatactca tcagctaggc   360
tttgcaacta gcgatgcacc tttgcggctg tccctggaag aacatgcang tgccaggcct   420
cgagcctctc tagccttcat cctcgtttca aggtctaaca attcacgaac aaccgaatca   480
tgatctcatt catcaganca tcccggtagg gtttantaga ancaagganc tatgaccatc   540
agtctgttgg gatataccgt gatatctctt ggc   573

<210> 2494
<211> 768
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

<400> 2494
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atttaaacag ttaggttata ttgagatata attaaatatt atcagctcta ttacgcccac      60
gacggtgtat acgagcattc taagtatgac aaccgggaca atcccagcaa gacggctcat     120
cccaaacatg gttaatattc ggtctagtga caattgcctc tggagtaaga gcattatcag     180
cagtgtaaca ttgaccgttt atgtaactag atccaatgca ccgactgttc gcccggcaaa     240
tagcagcgca cttcgcagcc gagctttgat cagggtacca ctcagaactc ataccgtgat     300
atccggttga caaccatcct gaagtgttgc aaacgccggt cgcagtggtc gaacgtgtgc     360
atacgtcgct tgcttgtagt tgcacgtggg actcttggga agaggactgt tattggggac     420
gcaagctggg cacgttcagc aggatttatg actccaccgg cgcttttggg gtcgaagctg     480
ggatcatcat agcttggatc ggcttctgaa gatcaaaagc tggtatcttg gtgatgtaaa     540
gatacagtgg gtttcggacc ccagaatgcg gaggtttaca atntttaagg gtgtccaaat     600
gnttggcatt gttccggctt tctgnntgga tttttgnaac agggttntcc acttggaccc     660
anaaaaaccc ttggatggca acctaagngn ttttcgaccc cggtgagntt ttttnccctt     720
ttccngggqt ttttngaaac cccngggqng gggqgqttaa aaaggggq                  768
```

<210> 2495
<211> 577
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 2495
```
gtacgagcta gacatgatca gtgtcttgca agctgcccgt tcacgatggc aaacgttggt      60
caactgccct atcgggcgtt gttaagttaa acccggtgac acggcaacga agacgtcaac     120
gcaatgtgaa acaaccatag ggcgatatat cgaggaatga gtggctttgc tacatattac     180
tggtatatga tgttcaagaa cggcaatcga ttgtatcgat tgcctgtttc ctattctgga     240
ctcattgatg gctatggaaa ggtgcgccta tcaatgtatg aggttcaaaa ggagatgata     300
aggatgggga cctggaaaaa ccatgcctgg ggctggtttg aagangtcac tttgtccaag     360
tgcattggac acgtttaatg acttgatgta ccgatcgtga tggcaagcag tggactgctt     420
antggatctg tgtttcttgc gtaactggag ttcttacacg gatacggaga ccaacggagg     480
caacctgttg gttgggagat tggagttgtg atccctcatt aatcctatct tgcatcggag     540
ttgggggtgt tttggtaaat aacatttgct taattnt                             577
```

<210> 2496
<211> 526
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 2496
```
ccagaacttc ataatcagca aaaactaact tggtcatatt tacttgaata ttggccatca      60
tagcgattcc ttgggactca ctccgttccc tcgtcatctt cttcggaccc atactcttac     120
ctaagttat atcatactac cgatcagtca agaataaccc ccacggccgt catgtacccg     180
tagtacccgt cccgtttcga atcggagttg cgctcgcgct tctcgctatc cttatcatca     240
cctacatcgc cagacgctcc cgccttttca cccgagaacc tnttctcgcc acgcagagcc     300
gtctgcagat cccgtcgatg tcctcttcaa ccgagttgct gtggaagatc ggacaatatn     360
cttacaaagc aggatgaggc gctgaggggc aaattcgcaa cttggagagc gattgtctac     420
ctccaatttg gncccgatgg ctggctaact gccgttctga cctcggangn acaaanacct     480
ttttaantat gccctccaca gttttgnggc ctacatngna accttt                   526
```

<210> 2497
<211> 611
```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 2497
gtgttatctc aaaatttcga cctcgatttt tggaaaagag acgggctggt ctacaatact   60
ttctcaattg catattactg aatccagagt tttctgggtc gcctgtactc aaggagttcc   120
tctttgcata acgctgccat tgttccagca tcttctcttc gttacaaatg tttaccttct   180
gaccttgaat atgaggcctc tttgtacaaa ccatatatat agcttcggcc tggtgtcacg   240
cacatacata tgcgccggtc aggtgtccat gttaatgata atgagttgga tgacttacgt   300
gttaatgtct tacagttggt cctttatgct gctacgaagt cngagttgca ttaccccggc   360
tttggttgat tgggaggcca agacagtcca agatttggca aagatgggga aagagcaaga   420
ctcttcaaat catncagttg tttgcaaggc ggagctgtga ctnantggca tgccatcctt   480
ggcgttgaga ttcgnacaga anggcggcat accnccnagg cggatgatgt tcggcaatca   540
aggntgncaa tttaggcnat tccgggggta agtggttttc ttggnccact ttnttaaggt   600
tganaatggt t   611

<210> 2498
<211> 105
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 2498
ntggnctggt tactgggttg annatgccct tggccacctt gctggtatgg aacnaantcc   60
tctacgaggn atatnattat nacatntgag nttactgcac tgact   105

<210> 2499
<211> 362
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

<400> 2499
tnggcatata gaaaaggatg tcaatgacca ccccgtggaa gtcaagcgct atgcagatgc   60
tgttgctcga ctaactgagc tcagcgacca gcgcaagcga ttaagaacgc aagtggcacg   120
cttaaatcat ctgaaaacca tcgtcgagcc tcttcagacg acagataatg gcgctggtat   180
cnnggaaaac ctccttactc gcaatggncc tgttgaaaag gaacttgaga agatgcgctt   240
nttgctggcg agagtcggtg gtngtgtcca tgcgctaccn naacgaactt ccaatgacgt   300
tttttaaggag ataaagtctt tttgagacag gctctcatgg tccggaagcg acntgttgat 360
ca   362

<210> 2500
<211> 292
<212> DNA
<213> Fusarium venenatum

<220>

<400> 2500

```
ggaccgtcca tgcagggtgc tatctcgaag accctgaacg tggctacggn gaaccgcatg      60
aaattgctga aatattcgcg ggttacctga atggcatcaa tggtacattg aactgggagc     120
ctcaggaat accacgcgat gtctttaata ttttcgaggc ccctatgtcc caaaaccaac      180
ttntctttnc agtgaaccag ttgcatggga atggccataa ncgaaagttt atcgacggcg     240
aggttgttga tgcccaaacn aacgcnaaca cttttttttt tganacccac ca            292
```

<210> 2501
<211> 576
<212> DNA
<213> Fusarium venenatum

<400> 2501

```
acacaccaat ccaccaacat gtttaataac gccatcatct ccttcctcca gctatggctc      60
gcgacgctgg cctttgctgc tcccatcgct gatgatgcca tcagcgcgac ctctgctaag     120
ccctggcact acggtactgg gggggaatc attggaatta atggtttaag tgcttggaca      180
ttctcgtctg gatcgaaggt tctcaagtcc aaccgccccg tttcccacag agattctctg     240
gggtctcgtt ggcttccttt tccccatcgg ccggaatggc tcgttaatta cctattctcc     300
aaccgccagg ctcaacattg cgaagcggag gctacgagcc cgtccctaag acatcgctcg     360
attcacgcga caagaataac acgaatggct gggatggaca agaatgtgac agaacggaag     420
gattggcatg cccgagatgg caaatggatg gaggagcata cgatcttgag ccagcgatta     480
tcttttttatt catgaattaa ccggagtaat aacatcagac caacaaccta tcgttttaa     540
caattatcga ccttggtact ttttgataaa gcattg                               576
```

<210> 2502
<211> 328
<212> DNA
<213> Fusarium venenatum

<400> 2502

```
caaccagtcc tcctccgcca cctccaccga gttggggagc tggctgggga cggatagacc      60
gaggaggacc acctccattg ttgaactctg ttcagttaca ggatgtcggt agccttctta     120
caaaatgatg ttttggatga tcaaaactgg tgaacgattg gcatatcaca ggcgttggtg     180
gaataatgaa atttagacta tgatacctta gatgtttgat ttgggaaata tgtcgaattt     240
aatgtcggca acaggagaat tgcaggcagg aatgactgca aattgtacga atgaataacg     300
aataaaaaat cccctccnna aaaaaaaa                                         328
```

<210> 2503
<211> 577
<212> DNA
<213> Fusarium venenatum

<400> 2503

```
aataattcca aaaaagcttc aacgaactcc acaaatgccc aggtaactct tttgggtcat      60
aaccgtctcg agagagttaa tacacaaaaa tgagccagga taatcgacaa cttccaaaaa     120
cccaaataga gggcaacact ccctggattt aaaaggcaaa ggaaaacaaa ccaagaaaga     180
```

```
gaatactatt cccatcgtcg acagacttca atcttccggg agactagttc tcgatgcttt    240
tggaagcggc ccagagctga gtggccaaca gccagcgaga aaagctgacc caagtggcag    300
caacagcaac agcattgaca agatctcgtc aagtacggga gaagcatcct cacacagatt    360
acgctcatca attcaggcgg aaaccttgcg ctcaaaaaca aatctggatt ctggaccttc    420
cgcgcaggca ttcaacgatt ttgttagtgc cgacgtcacg ctggacgttg acaatgacaa    480
tgacaatgcc caccttgatg aggaagcacg aaagcaaata tccactcgaa atctacacat    540
gcatnacacg atgntagtgn acaaganaaa cttggat                             577


<210> 2504
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2504
gttactccta tccaaagcgg attggccacc gaacacgaac ccgaaacaaa tgggctacgg     60
cactcgtctt cacatgaggg cattgaccaa aacacaccac tatccaatca cagtttacat    120
tagacatggg aacatctcat cattctagaa agcggctagc attttcagga gttttccgtc    180
attcacgtta tttcatttat ttattcccct ttcttatcac cgagcggtgg agaaaaaagc    240
acgcgattat cagaacaaag acatggattt acttcttgta cacaacaaaa ttttcgtctt    300
ttctctacac agattggtct cctcggcatt tgaccccgc ccacgcggga ttggccagag    360
ttgagcgaaa tttcggctca ctttcggtga tctggagttg gtgagacgaa gttcggagaa    420
cactcccggt ggaggagtca ttgtatttgt tgcaggagtt ggctggcact caagaccggc    480
aggaacagag cattgangtc ggcgaatttt ggnanggatt ttttattttt attgagcaag    540
gacttggtaa ttttactggt acatatcaca cagattacna ccgccntttg agatggcgag    600
accaatgggc gcagacacac ngaaggnatt gggc                               634


<210> 2505
<211> 597
<212> DNA
<213> Fusarium venenatum

<400> 2505
atgcaccaca agggacagcc ggctcaaaaa tggaggatgt tcaggtagag ccgtctccgg     60
aggcaaagtc tgttcaacag gaggaagggt ctgagactgt tacagaagac aatatggaag    120
tcgactcttc tcaacctaat gatccactgg cacctgtcaa cgtcttcctg gcaccttcag    180
ggtcaacacc cgcagcagct ttggctcctg ctcccgacac agacttcgct cccaccatcg    240
cgcatgcgca actccaccaa gctcgattac aagaaaactc aagaaacaaa cgattgcttt    300
cggataagga gttagaggaa aaagctgctg cagaaaccgc caagatcaac tctatcaaat    360
ccattctcat caaggtcagg ttcccagata acaccagtag cgattggcag gtgaacccgt    420
tgcatactgg aaggtcctgt acgacgctgt ccgacacgtc atggctcata acgacaaacc    480
ttccatctag tcctccccgg aaccaaaatt gtgatcaagg acgacctagc tccaacaatg    540
gactaataaa agcctataaa atgtcgggaa gaactcttat caacttggtg tggggac       597


<210> 2506
<211> 549
<212> DNA
<213> Fusarium venenatum

<400> 2506
actaaccctg aagatagatt tgtaactccg tccattgcca agaaatttga cttttgaagtt     60
ccggagtata aaggtgtcga tcaggtcgtt gaggttgaag taccgagca gaaactctaa    120
gagaatggtc gaattggccg tgattcgaaa ataggggggt ttggtcacca cccttttgtct    180
cttctggata gcaaacgtat cacataattc gacaacctcc cctcaaacta tttggacaga    240
ctggacttgg gcactgccca tctcgcatca tagtccggag aaatatgacg ccttgtggac    300
atacaagtaa tggcggacgg aataattgac aaaattcgac atagacgaga tactctttcc    360
```

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```
cgcagacgtg gcacgcagcc gaatgctgcg tgcacattta tctgtgagct cgagctttgt      420
ccttagattt cgaataggtg atgatcgagc cgtcgattga gaaagggtag acctgcacca      480
acgacatgga caatgacgtg gaagaatggc gtacaggtag agggaagaaa atgcaagctg      540
acaattctc                                                             549


<210> 2507
<211> 267
<212> DNA
<213> Fusarium venenatum

<400> 2507
gatgaatatt gaaatgtacg acaaataccc ctgaagtcaa agttgacagg cctaaaaacc       60
cttggataat cttaatcttg gagcccgcgg acgcctttgg tgttccacat tgtggagatc      120
cccttgtttt ctagagggtc tgtacgaagc attgacacga tgatttggaa gacgtttgga      180
gaaacagaaa ctgtaaagtc taaaaggaca agcttaaact tttatacgaa gaattcatat      240
atatagagta ctattaaaaa aaaaaaa                                          267


<210> 2508
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 2508
ctccttgcct acgacaagac cgactttgtc aagtacattc acgatgtccc catgattggc       60
agcaccgtct tcgccccatc aaacgaagcc tgggcacgtn tcggcccacg cgccaacgct      120
ttnntgttca acaccgagac aggcaagaag tatcttcgtg cgcttctcaa gtaccagatc      180
gtgcccaaca tcacactcta cagcgatgag atctactacg gtgatgagaa gcanaccctc      240
aanaagacgg atctcggtca cggnggtgac ttccacattg agctgcctac gctacttgag      300
aggggcgttg gtgttgatgt gcacactttc aagagttgga ctaccattgt gctgaacgga      360
cacgtcgttg ttggtttcaa cgacgctgtt ggtaagaatg gtgttatcca cgttcccagg      420
accattccta tcccttctca cagaagggac gagcattctt ntgagatcga cggnganatc      480
aagtgtcgag gagctcaagg aaagactgga ggattatgtg gnggcgaat gatactgant      540
ctgactggca gggnggngag ctgngangtt tctcaaaccc ttattggcat aacaatattg      600
gnggttgngg ttgaatggaa                                                  620


<210> 2509
<211> 912
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(912)
<223> n = A,T,C or G

<400> 2509
gatgatatga gcttcagcat gcgccatcgc aatgatagcg attggctatt gcgaacaggc       60
gcgtcatga gctncgaagc tgtgaattc aaggtcaga cttggcttgt ttcgcgtcag      120
agctcaacta gccttggggg aatggaccc gacgaagatg cctttgagaa tgagcttgcc      180
cgtgaacgcg agctcacgag tcgccatgct agccgacgtg gtagcgttgc tccaattgcc      240
gaggatgcat ctcaatacgc tagccgcttc cccagccgca ctcatagtcg ctcccatagc      300
ttgaccgac ctcggagcat acttcattct cctctagagc tatcaacagc tgcagaaggg      360
tcttacttcc cccatcaaga agtcaacaat gaccttcccg gccctgattt tgtcaatctc      420
gacnaaaaag ctggaagagc ttgagcaaga tgtgttgcaa gatgatgagg ccactgtgcg      480
acggcttgtt cgaaagggcc aagcaggcac aggcacctgg tttggtagcg tctggtctct      540
```
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```
tttctcagta gaagaagacg acgaaaattc ggacgaggac agtgatgaaa caccacgaga      600
caaccaatcc gaactcggcc agtctcgtag ttggtcggtc ccgcaaatta gcaggcatat      660
caacagttcc agaanaacgc gtncccctc aaaggctgat gaaggtggct ggaangatnc       720
ccctggttgt gaccgtggcc nccaaggtga tgttctanac agaatgagtt ttgccaccca      780
aacnataacc gtgtccacat ttttcaagtg gtaaaagaac cggtttggta aatnaaaaaa      840
aatggccaaa agcgtatatg taaanattgg ttnccngatt atagcctcga cctcgtttca      900
nanagaaaat tt                                                          912


<210> 2510
<211> 604
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(604)
<223> n = A,T,C or G

<400> 2510
tccaactcag cacacaactt cacaatggcg tccttacagg cgctgtgggg tccaatggcc       60
cgacggctcc tgcgagtcgc cgtggccaaa accacaaacg tggtgcggac caaatttgtc      120
gtcatgacgc ggcccctgca aaaccaactt acactgagaa ccgccagagt tgctcgtcaa      180
cctattcacc ctgttgctgc tcttcgacag cagaaacgcc atactagccg atggttctcg      240
agctccgcag ctcagaacgt caaccgagtt attaggagat tcgttagctc cgagcccaag      300
gctgctcgtt tcgaccgatc caagttcccg agctccaaca cctcacaacg tgttgcgcag      360
ttctctggcc gagctccatt tgcgaacgcc ctccgtccca acttgatggg cggtgctttc      420
cctcgaagtg ctggtggata tagtctcggc ggtagtgctc gatacttctt ccacggtccg      480
gcagcttcng gctcaggtcg tgcagaatgt ctctnaagcc atganagcat tcttcttttn      540
tggccagaan cttccgttat gacggcctcn ggccctcgaa ggtgacccca aagtaatcaa      600
cggg                                                                  604


<210> 2511
<211> 483
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 2511
aagaatcctc taatagaact taaattcaac atcatttctt ccaaatgtct ctttattagt       60
aactatttac tgcgtcaact gaatggcccg tgtcgatttt ctgaaaccat catgggcatg      120
tcaagagact gctctatcta ctatcaagga tcccagtacc ttaattaaac cttaataaac      180
atcaaagttt attgcgctcc gctagagatc tttgggttct agaaaacgtt tcaggtgcta      240
tttctgaagg aagagatact aattcctcca atagaagaaa tagttcggaa ggtggaatcc      300
gaaatccaac atccgaaagt gggatattac aaagagcagt atatgtattt aataaggagc      360
cggctcataa aaggttggtc ttggnatctc ttggtttcaa ctcattcact actggctagn      420
antcacttct ctqcggtcat actttntgct atcactggtt cacaccctta ccatgccgct      480
gn                                                                    483


<210> 2512
<211> 519
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(619)
```

<223> n = A,T,C or G

<400> 2512

```
ctntctcaac gcacatacac tccctcacaa gacgttcaac gtccatttat ccagctactn        60
tttttgagc agattcattc ctgtggaaag aatctcctag ccttccttaa ccaatcgcgt       120
tgagataccc attcgtctac acaacagacg taccacagtt acaaccactc cttggttgat       180
atacagaact cgaaacaaaa acaaacatac aaaatgaagt ctttcactct tgcttctgcc       240
ttcctcgccg ctgcggccgt tgcccagcct catggcagcc cccacggaaa ccaccaccgc       300
cgtcaccacc anaacgacaa gcgtgatgtc gtcaccgagg ttgagtgggt tactgagatc       360
gagtacgtta ccaagatggt cgatgcccca ccaccgtctg ggttcgtcct gaggtcgcca       420
cctctgctcc cgttgtagag ganacccccg agtctgacct accttntgct gctcccanaa       480
ngagganaaa aaacctgctn ccgttctaca ctaccttggt caacagcgtt tanacttccc       540
ttcttcccct tccaacaang anggttgagg gtggttccca acctancttn tgaggncctt       600
gttcttgtag anantacct                                                   619
```

<210> 2513
<211> 1342
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1342)
<223> n = A,T,C or G

<400> 2513

```
cgaatggttt tctcaagccg ccgcacaata cgccaatcga tatcctcaac ctcctgctca        60
tagcaccttc taccccaact cgcgccataa ctcctacagt ggacactacc actattcaca       120
aaacatgtgg gagcatggtc ttgctgagtg tagttgcact ggctgtgttg atcccatgaa       180
gcagcaggtt ccctatttcg tgcctcacgg ctacagccaa cccgtcatgg gttaaagtct       240
taccaaaatg cttcatttaa tgcctccgat cgagggcggt tcgatcttgg aaagaagaaa       300
aaagttttaa aaggtttcat tttcacggcc acgattttcc ttattatacg catcccgaga       360
acgataaatt cgcattcaga taccccaggc acgacaaaaa ttgttcataa gatgaccttt       420
tcggcggatc attctcagga tttctactac agccatgaat ggatgacgag acccggttag       480
cctttgcaac gctcttcatg agcaaacaag gcttattgtt tcctggtcat gtccggacac       540
tatggcattc tccttattgt ttttttattt ttattttta cgttctgtaa tggttacact       600
cggcgttcgg ctttctcatc ttacactaca cggttctgtt cgatagactt gcagtttaca       660
gtttccaccg gcactcgcgc ccagcagcat tcacccattt tgtcacgtca cgattcaaag       720
cctgtcactc ctttgcgcgg cactggcttt gattctgacg ctgacggcaa aacgacgaaa       780
acttcaacac aacatatcct actatagatg gcgattcggt agcgttgcat tcctgccact       840
cgcttggaca ctacgttctg tggtaaacac aggatgtcac aaacggtcac aatctacttc       900
gaccatttct tcctcatgtt cccatgtcta tgcacaaatc aatgcaaatt gattcgaagc       960
aaagatgatt cgttactgnt cgatgaactc cgcggcatag acttttgag gatggtatat      1020
acgttcactt ttttttccttt cacttttttc gtttggtatt gcaagtggca catggatttt      1080
gaccacaggg aacgggctta catgacgggg tttatgcatt gcaaccagcg ggtaaaacaa      1140
gggatttgga ttgatcggct gatcatcggt ttgatattgt attattgttt cttcattttt      1200
tttttaaact tcctggtttg tcggtgctga catggattgt caatgtcagc gtgcctaccg      1260
ccagaagaac nggctgttgc gctcttgact ttgctttgca canggtttgg tgtcngcctg      1320
tggcaaatta cttcaacgcc at                                              1342
```

<210> 2514
<211> 227
<212> DNA
<213> Fusarium venenatum

<400> 2514

```
atcctcgaca aacggtttgg gaggccatct tgcggtatcg cgcggaggtt cttttgggga        60
ctctgttgaa tgttcttcag aagactcgtc caaaagatcc tctggaatct cttctttaac       120
ttcgtcttgc ggctcaggtg gatgctcaac aggttttgat tttacgcgtg accgaggaat       180
tcgctttggt cgttcccgaa ccagaagctc attttctttc tgcagtg                    227
```

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```
<210> 2515
<211> 389
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 2515
aattgcctat atatgcgctt tgatctcccc gaggccactc aaaggatttg ctgtcctcct        60
ccgtccctgc aaagtctcga gtattggtgg agctcagtac gacgccagga anggtgtccc       120
gcattctaaa atccccataa acgacgacat ccatcgactt aattttttgcg gcgcatgttt      180
acgcgcgtgc aattggattc tgtcgtatct tcccccaacc cattccttca cctatgaagg       240
ctcaattggg acgaacttat gctcgtatag ccgtctatc cattcatccc aatcactggc        300
acgccatatc agttgcggtc atctgtcctt tcttccggct tactgaggct tctcttacca       360
agtccgaaca accctgtctt gacaagaat                                          389


<210> 2516
<211> 529
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(529)
<223> n = A,T,C or G

<400> 2516
gaacatcttg atgaagctgg cacttctgag actccctaaa ggtgtactca gtgcttctga        60
tttgataggc cggggatact ggcactggaa ctagccgaga gcagcgtagg cgcagtggaa       120
tttctatact tggactatgc atctctacgg acgatcaatc agcaatagtc cattgcgaca       180
ttctatcctt tcagcaatga tcagatcaca accctcactt gatcaataaa agggcctata       240
caatggctct gagctcaatg tgggcgcgcc ttcgaagtaa tgggcagccc agcctggcca       300
gatcgacgct ttgagagttt ttggtttcgc aacttggatc cccgtcatcg ccatgttcaa       360
cctgcacgtt gcagaattga cctttgtgga cgcgcatcca tgtaccctct gataaacgac       420
gacaaaantc aactctgcng cgggatgtga tttcactgga aatggtcgcc ccccgaaaat       480
tggaaaaggn ntggtggtga cattacctac aaaggantca ctactccca                   529


<210> 2517
<211> 403
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(403)
<223> n = A,T,C or G

<400> 2517
nntctttact tttttttggt ttgttttttg acgtcacctt ccaaacctaa ggcagccaaa        50
atcgatagct gcctagaggg aagcttcaca tgttttaatc ttagtaccta tatctaacat       110
tgatcattct gcctgtattt acggcatcgt tctcgctaca atccactatt tttcttctta       180
ctttctattc acttcatta ttttttttctt tcatactata caccattcgt aatgactccc       240
aacagcgaga acgccatggc tcggttactc ttggccatgt tgaatnagaa gaacctcaag       300
gatatcgact ggaatgcagt tgcctcagac ccattacttc tagagccatc acaaatggcc       360
acgctgcaan gatgcgatca ctcgntttcc gtgatactgg caa                         403
```

<210> 2518
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2518
gctggttctt gacgtttctg atgaattaga gcaaggtttc tgtgcactcg tccggaggcg   60
cagcgcanct ttgagcgtcg atgaagttgt acagcaagtc gttcttgctc tcgaaagact   120
gaagaaacaa gccaacgacg aagtagagac tcaacctttg cctggaagcc cgccattcag   180
ccgccctggg accgnttcta ccactaatac gaatcacccc ctagctcgaa tgccaaagac   240
gacaacggat tcaaacagtt ctaaacgtcg atcaactgtc agtgacgcga gaaccagaac   300
gaacagtcta tcgatgtctc aacctgttag ccagcctctt cgatcaccaa cacctttcgg   360
aagtctgggg gcgctcgcga ggccgcagtt cttgatgatg gaatatctgg caagccattt   420
gtacgcgtag gaagtcccga gacacaatca gaaccaggat cccttcttta tctggcatta   480
gtggcccggc accccgatgt ctcttgaaac gcaanaacag ttccaggcac tggtgggcaa   540
caaacttcac acaaaccgac nattnaaaaa cgancaangg ttgtggaccc ctccattttg   600
ctgagggtgc aagnangggt tataaaaaat annt   634

<210> 2519
<211> 203
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 2519
ntacactcat nataacntac ccananatac actccncggt ttcnacattc gtgctnattt   60
natgccanta tggcntagtc tcncnacatg acgtctact aaggcgctcn tantcttcga   120
gagngagaac tgnntctacc cgagaagctg naaggtgcat gaccngntgg gtganctcat   180
tgacgaganc ttttcanaac atc   203

<210> 2520
<211> 137
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 2520
nnntggtttt tttttttggc ttaaaataag ttcgntggcc aaggctaca ttgggtacac   60
cnggaggaac aagaaaccaa actccatcta tgcctggcta tacccgccgg atatggcatt   120
aactaatttt gcccctc   137

<210> 2521
<211> 553
<212> DNA
<213> Fusarium venenatum

<220>

- 948 -

<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G

<400> 2521
cattcgcata cgattattca catcatttgt acaactccat attttgcctg cttccaaaaa   60
ccccaagtcc atcacatttg cttcctgatt ccccgacgtc attcccctca ccgttacaat   120
ggcgccgatc ctccgcgtta ccgccaccac attggcttca acgcttctct tctctctatc   180
ttcagcccag gattgcaaat tccaaaccct naaagacatc atacccatcc cccgtcactg   240
ccgagaattg gagctatggc cttgttgcca acgagcttag acggccccga ggcattctgt   300
ttgacagcaa aggggccctc atgncataga ttctggaaat ggtttcttca tttcgactcg   360
aggatggagg anggacatgc ctgcaggtca ggaagaagac accctgctcg aacangacac   420
ttggaatatg gnctcgccat ttccaaagat ggccgaactt tttttgctnt ttgnccaatg   480
aaggntttgc atgggcctcc accccncaaa ggtnccctaa caattttcag tccanacctt   540
ggtnacaaca tgg   553

<210> 2522
<211> 729
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 2522
ccatgattca acatgcgatg cttacaaaag acacaaacca tcagtctcta gtcatggtga   60
ttcaacgcga caagtttatt ccagtcaatc taccctagat cattcactca ctgataacta   120
cggggctcca atttattagt gcgctcactc cagcatccaa aactccatac cccagaattt   180
gcgtcaagcg agagacgatc catatcatgg accaccgaca gggacgggac tccagtaaaa   240
taataacacc gagatctttc acagaaccct ttttttaatc agatctctga catgtctgac   300
ccgacagttt gttcatccac cgagatcatg ccgaacgtct gtggttttta agttgacga   360
gccccgcgtt gatcaatcaa tgggtctgag atgggacgag atgagatggg tttatctggg   420
gagatgtgag ttgatcaaga gataacagat aacgattgcg ataataggcc gagtaggacg   480
atagccattc agttatgcta aaccgaccat ccgtatcgct ctctcgaaaa tacacctacc   540
tcgaagccat cggcaggcgt ncaattgctn aaccaaacgt nccgcgcctt ggacgcgtct   600
acaattaaag tactgcagcc gaattgacgc gacaacggng aatcatacnc gcgacaactt   660
cgngggcgac gaaatctact tgcaagtgtc aactnaatat tcttcaatca cggcgcaacc   720
tnttttgga   729

<210> 2523
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 2523
cagtctatgc tggagagcct gaaggctcgg gtcaaggctg ttgatagatt tgtcagtttc   60
ttcgagtcga tggacaaggc gaaggaatcg atcgtagccg agtcagtgag cctgaaggaa   120
gttaccttct cttacggacc tctggcatcg gaggttagta ataaggacca nccctctcga   180
ctttggagga tcagactcaa cctatcccaa aacgatattg accttgtcat gggcgaaaca   240
aaccctnatc ttccggtcac caatttgatg caaaaacttg ttaatggtgc caatggcatc   300
ggggctctga tgaactggct tcccgggtcc ctaccagcac tagaagcggt caagaaaata   360
agagaaacat ggaggatgt tgaatcacnc natcagggac ggttcaggtt catgatggat   420
tctgtggatg anatgtcaat tcagtacttn tgttacagga actggtcccn gaaaccatcc   480

```
gatccattgc gacatcacgt ttctccccac atcaaacatc gccgangcga nccgnggtgg        540
catatnatgc ncaagccttt taacgggctt tcgtgtnaaa cgatgagttt taaaaacgct        600
taaacccgtn tgggaaacaa cnggggia                                           627


<210> 2524
<211> 524
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 2524
gcaacattcg ctcttggtca tccttcaacg cttctgccat tctctctctc cctggtgcct         60
tggcccttct taccnaccct gttcccgcgc ctctgctttc tcaacctacc tttacttctc        120
gtcaccctga naacgaggct caactccact ccatctatgc ttcatactac ctacccaagc        180
tgaactcagc cctagccata tcttctactc gtccctgca cctttnggtg cctcctaaga         240
ctaatggcat gaacgatctt ctcttcgttg ccaacgcctn tggggaatct accactgcgg        300
ctgctatgtt tggtggcaag cccactgccc gtgtcgtcgg tctggttcgc agcttcgatc        360
gtttcaacac tggtatgcgt gttgagggca acatcaagcg tgtcgagtac ctccgnggcc        420
tctcagctat ccatcatgct atgcgcnanc atgggtgccg ctacngcttc atccttacaa        480
aaatgagctc gtncttgttc naaacggcac tggaaacacc cctt                         524


<210> 2525
<211> 611
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 2525
cttcaccata catttgaaaa taggaaagag tgatctagaa tggacagaag tttgatattg         60
tctagacggt aaagattcaa gttcctagta cctggtttcg gtcgtgttgc tagtaatctt        120
gattgattgc taaactaagc gctagccgct tcgtagcccg atagcgatcg gcatttcgga        180
tcccagtcga caaaacacgg tcaattcaac ttcaaccacc aaatcaaccc caagttcacc        240
ctgcaattca tccgtagccg gcacctccat cataacactc actcgctcag taactcacgt        300
taagtcaact tccctggctt cgtgacctcc gtatggccct actcgacaca cggaacagag        360
ccgacaggt cccgaaatct gtatttggcc tnattagagg cacctaacct ttcaacgatt         420
cgtttcagag tagcctgaac cacatntagg cgacgcattg nagngggctc gtttgncatc        480
attcanggca tacactacac gtgaatgccc tgatgggcga cctgggacac ttattctttt        540
ttaaagangn cgagacgttc ctgaatatcg gctggcnttg ggctanttta tcgaatgntt        600
ggaaaaaccc n                                                             611


<210> 2526
<211> 569
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 2526
ctacgcatct cgaatcagct ctctttggtt tctcggcctt tcttttttgat tgagcccatt        60
```

```
cgttttatac attatcctac gagtcggatt cgctcattta tagtgtgcgc agatgacacc      120
gcccaagcct atttgcgggg aggaaaagcc tcaagcacgt gaaagaacct cggtcagcta      180
cgantttgtg cttgaggatg agtttgatgc gctgtgcgtt gaggtgaaga ngaacgacgg      240
tgactctagc ggtaaaagca gcagcggtaa caagtatcct gcaaaacttc catgcgcgca      300
aggttgccaa ggancttggc gtttccgaat gcctcatcta tcttccctgg ttgagcccta      360
cgcgctccta caaagactcc aattcaatcg cccccctttc cagccacgga naaactttct      420
actatatgan ccgcgcccac tttccgactg tgtttccccc tttaaganat cctacgattc      480
ncctcactct cctgaatccc ctaccccgac cngccagttt ttttntcatn ggcccactcc      540
cnaccccncc gaagccctgc aaaataca                                        568
```

<210> 2527
<211> 240
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 2527
```
ngcacgctat gatacgttgt attngagctt caatcgaccg tgnactctca atttggtcgt       60
gtacccagac gtcaagaacc cggcaaatta ccgcatnaga tatcggccta ctggacaaag      120
ctttaacagn attaaatcat gggctttgcc accggcttta ccggcggngt cacgctacc       180
ctctccctcg gctacctctc agngctcgct caccagcgca ctcgtgagca acaaggctca      240
```

<210> 2528
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 2528
```
gcgagcatgt atcatggtac tggagccaag ttcgtcagcc ttgccgatat cccgcaaata       60
ccgcaaatct ccgacgcgcc tccatcctat tgcgacagcg aaccaccgcc gcctcctcct      120
cccatcaacg agaagaagcg tcgccgagtc gatagcgaaa gcaaaggcaa agacagcgac      180
gcgatttctg agatttgggc tgagctcaaa gcacgagacg aacgcgaccg aaccgtacaa      240
ctcgagctgt cagatttaaa gcaggagaat aaatccctgc gagaagcgct cgagcagatc      300
cgtcnccaag ttgccacgtt ccaccngaac ctggatgact tgaaacagga tgtntggcac      360
cttcaaggtc tagataagtn caatacagac acgttggaag ggttcgatac aaggctggtc      420
gagttgcgtg atgatctgga agatcttgat gcccaggtcg attcaatcca agancatcgc      480
gacganaacg gtgtggctcg cgactttctt gataaagtcc gcagcgacgt gtncgatgat      540
attatcaccg tctcacnggc tgagcaccat taccanctga gantcantc              589
```

<210> 2529
<211> 545
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(545)
<223> n = A,T,C or G

<400> 2529
```
aaaccctgct gccttcttcg ccgcagcccg tcataccatt atcgaggtgc aaagcatgcc       60
```

```
tagcacagaa gcgctacggg gcatactaca atgccgccgc acatcttcgc cgagcgcatt        120
tccggccgca tcgggtnggc aaggccagtg gcgattggcc atccatgagt gttttgaagg        180
attggatgcg ggaagtacgc caatcagttg acgtacccga tgagcatttt ccagcggcg         240
aagacgatat ggacgaattt ccttcaccag ccaactacag ggactcgatg tcgcatcaag        300
ctcccatgat tcctgaagcc caaccgcctg ccgctgtact ggggccactt ctctcttcaa        360
gtnctgttga acagtcgata ccgattgaac gaaccagccc atctcgacaa ccgccgaaaa        420
ccgaacgaag tgtcccntcc agacntggtc naaattccgt gactgggctc tcccatgctc        480
cccccncaa gaaaagccga aaagtgccga tgttacgtgn gaatacatac aaaggttggg        540
ccaat                                                                    545


<210> 2530
<211> 598
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

<400> 2530
gctgcgactg tcatccgatc caaaagtaan ggggaaataa taaaactcgc tcccgtctct         60
tgctgngaac gatctgtggc ataccaaacg atctcgagct ttggtttggc ttgacaaaca        120
aagcgggctg tcctttgttc ataacgctac ctgtaagtgc ctacctgcct agatgaattg        180
caacttttga tgtcgtgtcg tgtcgtatcg tttctttatc tcattttatt ctgcctatcc        240
catccctctc gacatgtcta tccaaacttt tctatatttt gattctttca cataacttat        300
ctgcctggtg tcgtcatgcg tcagacgcct gctttattcc agggtccagt caatcagaca        360
ggcgttttct aggattctct ttaaaatttt tgntcctcga ttacaattaa gtctagtatt        420
acgctttgtt tcttcggggg gaaagcttgc agggaaagac catntactta aaacagaaaa        480
tctcccctac gatctcgact cgaacaaccc gaaattttca atatctgntt tatggccttt        540
tggagtggtt tccctcatga aatcaacgtt atcaaacccg ccntntttat ccaattca        598


<210> 2531
<211> 702
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(702)
<223> n = A,T,C or G

<400> 2531
caccacaata tacccacaca agtcactccg aattccctca aatcaaaatg gtctatacta         60
tcgttgttca cctctacgcc aaggacgatg aggagtccct caagaagctc accgccaagc        120
tgattgaggc tagccgcgtc tactctcagg acaaggagac cctgtcgtgg cacgttatgc        180
agtccacctc tgacaagcgc gcttttacca ttgtcgagcg atacgagcaa gagagcagcc        240
naaagtatca cctcgagaac ccttactgga agactttcga cccttacgtc attcccttc         300
tggagaagcc catggacttg cgacgatttg aggagcttga cactagcaag gacgtcgagg        360
ttgaccgata aattatcaac aaggtcaatt gactatcaaa tgaaagattc aatactaagt        420
ggccagtcat gtgtttccaa acgagaaaag accatgaac cgactcttga tagatgtatc        480
atctgctttc cctccgttct ttagacaatc actcttcctg ggtgtaaccc tagtgctaac        540
aatcgatccc ttaaactggg ctttgtcaac agccgatatc caagtctgc tccattccga        600
ctggggaat atgaagcaat ttctcacact cagccggtcc tatctcttcc aaaatgctta        660
ctctgttctg acagtctgtt aaactcctat attctctgtt ca                          702


<210> 2532
<211> 292
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 2532
tgtggagcag aggcgttgaa gaagaaggtg gacgacgatt tagacgatga agacgatncc   60
ccgtcggtcc agaaaggtac atcatagaag atgaagggcg aacagaactc agggacacat   120
gataagcaag ggaatagtgg agatgaaggt ctcgaacaca tcggcaaagt ttcacaccaa   180
caagtcaagc gatcaactac taagcatcct ctggagagga tctccaggat acccatttcg   240
tgcaactcta gctacgaccc tactcggcgt ccggtgtcag ttgtcacaat gc   292

<210> 2533
<211> 577
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 2533
ctcatcggcc caatcgatgt ctactatttg cccaccacca ccatctgcag cgcgataaac   60
gtggaatatc cattttaagg gacttggatt ttatgcaagg ctgaaaaggt ccactcggcc   120
tatttccccg agctgcgcaa caganttgag agctcgcctc gaatcaaaat caaatcattg   180
tactacgccg catccacatc gatctcgtcc gattacctct ctctttcttc acccttttct   240
agtcgagcgg tcaaactgga accgagtcgt atcataaaat cgacagaaca tgtctccgtc   300
atccacatca gcatcagcat cggcgtcggn anctggccca caccactggc tctgccgcct   360
actctctctc cgatactct cgangccta tccganctct ccctcgtgct cgcacgcgtt   420
cgcgccggca ttcaatcatc agctggggan taccaccgaa cctgcgcctg gaaacacngg   480
aaacaacncg cctggaacta cactgtcttt caaggatgtt gccaggaaca actgaanggc   540
taaagcataa nctgcaacaa ctcgtgcaca aattcgc   577

<210> 2534
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 2534
cacgctatta gcttcttgac ttgacttttt catcatcgtt ctgcatcttt acactttcat   60
ccgtcaggaa ggcctcataa ctgccggcct atcttgtgcc cagtcatcgt aacactgata   120
cagataggtg tacggcagac aggcgcccag tcagtcatgt ctgtctttaa caaccacctt   180
gcgggcgcaa cugagcgcts tttctcgtca trgctatcac cggaccaaat catcgcaagc   240
tcagaggatg ataacacag aaccctcgac cccgaaatct acaagagtct gacccgacaa   300
gagaacaacg cgtgatggga aaccaaccaa agaagcgaag tcccaaancc aatagcaaac   360
ctgcttttga ctcntccgtc aagaanttga atcntcaagg ccaagcgaac acaaccgaga   420
gaagaaaaag agctctacat cnaaggcctg ggaagatgaa atttctccgc ctcaaaggag   480
ggtttcaaac aatggtttcc cttggntaag ggagaanatg gcttgattga gaaacaaacg   540
ccttgcggga naaccttтgg aaaaagctgg ggc   573

<210> 2535
<211> 250
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G

<400> 2535
ggttctcaag gctaatgatg agaccgtgcc acaaaaggac gagagcagtt tagctgaggc   60
tgaggctgaa cagacggctg accagaactc tgagaaggca agggagatgg ccgnagggat   120
tgtcccagag tcagtgaaga agaggtcgca ataaaagaac tcgtcattga aacgaggtgt   180
accatattat gaggagggcc aagctctgca caaaaactgt atcaattact gtatcaaana   240
aaaaaataaa   250

<210> 2536
<211> 137
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 2536
ngccccagaa gngttcnaag gatgggcaac atgagcaagc ggcccccnna ggcgaganga   60
agctgnctgg agccgaanag gagangaggg ccaaagagga gaagccgtta gacgcgcaca   120
ngccaagggt gcccaag   137

<210> 2537
<211> 514
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(514)
<223> n = A,T,C or G

<400> 2537
cgcaggaatt tttttttttt ttttttgcg attttcagtc gattcaaatg tacaattatt   60
cgtgtacaaa caaatgcatg agaattttct atcagacata agtctaagat aagccatgat   120
tgagatacaa ggatatcgaa aaactcagca cgaaaaaggt tagccgctga taaaactcaa   180
tacacatatg acccgtttcg ttgagtgacg gcatgcaata atcactccaa taattcaaac   240
atgaaaactg aagtcgttgt gttgaagatg tgtttttttg ttattttgcg atccgccgag   300
aatgggcgat gtcggagatc ccgacctttc ccgacgagca atttacagct tccgataaac   360
ccatttgaac ataatggacc caaatctcga aaaaagggca cagacccaat cagctatcca   420
gcagtcaaac aatctagggt cttgattgac ttctttggct aatgcacagg tgttgataag   480
gggccttacg gggccacagg gcgggtggtn tttt   514

<210> 2538
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

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<400> 2538

```
ggacaacccc gcctcatcac atcaccaact ctacgaaagg tcccccgcgg aacnaacggt      60
ggtgttactc tactgggact gggtgcaggt ctgctagggt ccatgattat tgtcactgcc     120
tctatgctgt ttctgccatc gtgcacagaa aantcagctc aaacgcccgc aggtggtggt     180
gcaccatgga caatgctgga gcgccgcaaa ttcatggggt tcatggtgct ctggggtgct     240
cttggcagtg tcttggacag tttcttggga ngtctgtttc aacgttcagt tcgtgacgta     300
cgttctggta aaatcgttga aggtgaaagt ggcaaccggg tgctggtccc gaatctactg     360
anggtcctgc agcgcatttg aaaaagaana ctcaaaaaaa atcggaaggc tccccattgc     420
agatgatcac aatctcaccc gaagtttacn acccaaggac aacaccgcaa ttcattttgg     480
aattcaacaa ccatcgcnga acattgaaaa cggttggatc ttctgganaa caatnangtc     540
aattcctcat gcactatana aacttcgcgc atgcgctgca attggtactg gant           594
```

<210> 2539
<211> 340
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 2539

```
ngtatntttg acgatctttc caagcagntg tcnttaccgc aaatgtttnt gnttttccgt      60
gncccccgg acgngaggggt tacccggggga cgtttttact tcaattttgt ttctttgacg     120
gctgccaaan gaacnaaaag ttnggggggg tntatgaccg tttacccggg atgaaaacag     180
gngggacgtt tccgttacat ttacancttt ttcatatgng ggaaaanttt tggggtnggt     240
ntttaanggt tccactgccn taanggggtt ttcgttttng gnggtccntt gccaattagg     300
caanaaaaag ttgtggttcc tnaattttttt tgccaaaccg                          340
```

<210> 2540
<211> 613
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

<400> 2540

```
atttccagga gctgtttctc tcatcttcgt acgtacaaag aaaggtagca cgctgggcgt      60
ggtaacacca tggatttcga ccaatctcct gaccgtcgag cctcacaggc aagcttctta     120
tctctacaac agcttgaccc ttccccgata gattctccgc cagcagatcc cactattgac     180
cgccgtgatc ttgggcgact acctcgagga agcgatgatg ggtacgagat ggtgaacgct     240
gaggaaatgg agaacagcac ctcatccatc agggcccctt cgaccggtgc tccaggtttg     300
agtgcaagcg cgaacctcaa ccagtctgga gctggtcctg tcctatctt ctaccttatg      360
cggattcaga agttctcaag ttacgcaatg ggtatcttca catcccttca tcttgccaac     420
gtttccctca tcccgctatc actcgctcgg ttcccggctc cgaaacctac cttcttatga     480
ctcgtgaaat ttaccaaacc tactnaccga acccatactg gtcgctctac tatcatcggc     540
catatcggat cangaattgc cttcgattac tgaggangtc gcaagaacat gcagcggtac     600
cgtgcaacgg ann                                                       613
```

<210> 2541
<211> 530
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

<222> (1)...(530)
<223> n = A,T,C or G

<400> 2541
cagagaaacg cccagaccct ctctcggctc ttctagcgaa gactgcaaga cagacaagct        60
cttggtcaac agcttggcct ggctagcact gccgccttca tcgtattttt cctttcggtg       120
accaactagg aaatgtgtcg tgcttcaccc tcttagtcgc ccctgttatt cccttcgagt       180
gtcgcgtgct ccatatcctc aaacggtcat cgatcaaccc accgtcgctc ccttgtgcca       240
ctgagaacag cccaacagaa aacgtgatcg acagccccg agttacagag ctgcgacgct        300
tagtctatgt ggctctagcc gtggagaacg gaaacaaggt taacttgact taggttttta       360
ggcggagcaa taacaagctt aatccgtttt ctggtatccg cttgtgaacg acgttttcgc       420
cgaggcgaga catggcgaga acgcatcgag atgatagtaa acaagcttta ccgacaatta       480
gaacaacatc aagacngcca tgatttatcc tatactctat aanaaaaaaa                   530


<210> 2542
<211> 230
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 2542
gactcagaca tttgtcgcat tggccaaaga gcagcgaccc gaactgggtg agaagctgac        60
agttttctgc gctctcgctc cagcagccta cgctggtcct ctcattggca agatgtactt       120
caagttcatg cgcatcatat caccgggtct gnttcggctt atgtttggna ttcatgcatt       180
cattccttca tgaangcana tgcacccaat ntgggcgcac gttatccggt                   230


<210> 2543
<211> 113
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 2543
ncgcttgang atncggatac caggatggaa cncctattaa gaagtganac tcagcngggn        60
ggggaatatt tcaaggnaan aacgtcactt ttgnaacncg gatgtgagcc gaa              113

<210> 2544
<211> 249
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 2544
ntatacacgg agcattcatc gttatcgcca actcaaaaca ctcgctgccg naccacataa        60
cattaaaact taaactttat tcacgatgcc ttcaattctc aaccttgtta cccgatccga       120
tatgcctgcg gattccaatg gctcaaanga cagcatgaca acctgatgct tggccttctt       180
ggccttgtct tcctcggctt attctggggg gcattctggt nctttncgn cgcgctcgtn        240
ttaaaaaca                                                              249

<210> 2545
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 2545
```
aacaaaagcc cttttggcga cgtttgttca tcgacgcata ctctacattg tattaactca   60
ttgtcccacg cttcaccgct attcttggag accgtttttg ctctgtctca gccctcccgg   120
tcgattgcgc aaatcagctc cgtcgcatat ttccttggct tgaaacccgt ctctgccatt   180
gtcgataaga gctacactac tactgctctg cgatcatctg tctatttaca atcgagcatt   240
gtacccacgt gccgcgtcgc ctgtctctgt taggattacc tttgttgaga aaaacaaccg   300
agggctattt attgtttgcg ggcctgaytt cctattcagt actgtaccct gctgctgcac   360
gagatacttt tccgcgtgca cacttctgca ggtccgatct ttgggggggtt ttgccgataa   420
ctttttttttc tccttatcct gtttaaaaga ttcttggttg cccctcctcc tccggcccct   480
ctctttccat catgtctaca aagcgagaca ctcccgctct acaacccatc ggccactgaa   540
ccngangtac caacatggcg ccaacacgaa aaaaaagtt gccgaat   587
```

<210> 2546
<211> 222
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G

<400> 2546
```
nttgcacctc gaaaaggcta tnantcttgc ntatacnccc actatcccnc atgaccaacc   60
tgtcgccatg gattntttgc gtcactggga aattatgaca attaaaaact gcctggggaa   120
aaaaaaaaan aaaaaaaatt cttgcggccg atctaacctn cttgtagagg gcccaattcg   180
acctnttggn gagtgatann caatttattg gcccggggtt ta   222
```

<210> 2547
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2547
```
cttggaggcc gcacgnggtc tttgcaccag gcgattgtgc caaggtcaca cagaagctca   60
cccacgtcgt cgacaacatc cttcttggcg acgacaagga agagaagaag caactcaaga   120
ttgcttttgg tctcctcggn cttcgagatg atgatttcgc cacggccatc tctcaaggta   180
tcggagccct acagagcaac aactgggatc ctgcatccga ctcttccagc ttcggtctgt   240
actgcggnag tgtctcttcc gacgacattc tcttcgcgag cactcgacac ctcgcgcctt   300
atgtcaaaaa gtggctcatc tcgctggnt acaagaaaca gctcaagnat atgacaaatc   360
gnttnctcaa ctacattggc tacataaggg ncaacggtga gagtgacaag tctggggcgc   420
tgnaacggaa gaacgctaga acaagngcta ctctatccgn ggggcaatgg acgaaataag   480
cttgacccaa aacatgntgc gccagggggga atataaantt gcnacaatgg gggaactggg   540
gaaatnggaa ntgggngcca aggacaactt ccaaggggct cgcnatgggg gcgaaacaaa   600
```

acattcctgc gganaaata aaatnctacc cncc                                   634


<210> 2548
<211> 571
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

<400> 2548
gcagatagca atgaagctgt ctagagttac gctctacatg ctcttgacag ctggctgtcg        60
aggtgcatac gttcagttcc aagactgctc tgagggtcat gactcttctt cactcattcc       120
tgagagtttc cgcgcatcgg ttgagagggg aagggatacc ttcgactgga agttcgatct       180
cattgctgga ctgatggatc gtaactcctg cgagttaac cttctaata ttattcctcg         240
attctcaatt gtcgattatg gaaacgccac tccttacgtc tccggtcaga ttgtcaataa       300
ctcctgcttc acaacccaaa ggattggctc aaggtcgaaa ttcaccatta ttacttcatt       360
taaccggtca aagctactcg acacgtacaa gactaccttt gagttaacca gccccgacaa       420
caccacacta tcttgcgtca ganctgtttt aactcccgca gttcccggag cgatacgcct       480
cccttggtct ctgggtttcc aatcgttgtt tttcgccttg ggcttgtttc acagccatgt       540
tggccagtcc gacnaaanca cgaaggccca a                                     571


<210> 2549
<211> 590
<212> DNA
<213> Fusarium venenatum

<400> 2549
taggactaga cattttctta ctattttgcg tctgcggaaa ttacgactgg atttgatcaa        50
tcatgctcca tggccggcta cctctacgcc atccactcat tacctcctta ctttttttta       120
acaatacgcc ttgatcgaag cgactggaga agatgggaat aatgccgcaa gtgccctact       180
agaagtcata cttccctctg tccatatcat ggacgtcgtc ttggcataag ggcattttag       240
cggcactcat acccgcgtgt aattcgcacg tttgtttct tttcttcacg actgggagtt        300
ttgtctcctg tgtacaaatt ctcttcgtcc ttttagaaga cggggataaa cccaaaaaga       360
ggaggacgat aggtcctttt gggacatggt ggatagtgtg atacagagca aggtgtcaca       420
ggtgcactcg gacgcgggga cggacgtcaa cccctgagag atattacgaa ttcagtgggt       480
tgactggaag tacgggatgt tctctcgtcg ctttatttat ttttcaactt ggttgttatc       540
ttcgcctact atcatggttg tggtccccct gtatgttagg aattcgcata                  590


<210> 2550
<211> 560
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 2550
cgcttgctgt gctatcggta cttcatcgt cttgttttca ccgaaccttg cagccgccat        50
cattggattt atcatttcga ttttaggata cgtcatgcct gtctctttgc ggtcgttcct       120
tgcttcacaa ttagagaagg actttctgg acgactattc gccggcattg ccataatgga       180
gacnatggt ggtctcgtcg gacagcccct tatgacagtc acctactaca ctgagagtgt        240
accttttgtc atatcgctgg tgacgtattt gatcatgctt ttcttgctta tcgggctagc       300
aatcagactt tgatgtggcg aggaacagta tacgaacacg aaatctcagt gaccggcatc       360
caagtcttgc atccgggtcg agacttgtcc taatatctta atcttgggtt aatttatcaa       420
gcnaaaggaa tggtttantt tcccttgtca tctttcatat cgtctgctca acgaagtcaa       480

```
cccatcgtca ctaataattg aaaatcttgg ctctacntca atcttccaca gaacatgaat      540
ataagatcaa tgcatattct                                                  560


<210> 2551
<211> 832
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(832)
<223> n = A,T,C or G

<400> 2551
gaagacgaag agcctgttgg cctttcagc ctcagccacc gccgcgccaa ctaccgcaca       60
acaaaaatgg cacctgctgc ccaaggaatg gaacgctccc cccgaagagc tcttgaggca     120
ttcccgact ttggatttac ccatctctgg aacatggctc ctctctggga ctccaaggct      180
aacgctgctg ctgtcaagct gcagcgtgaa atcgattcac tggtcttgga gggcctattc     240
agcctgaatc atcgccgcaa caccttccgc actacctccg caagccccgc agcgcttgac     300
acacggccca agcaacgcat ctcgcagcaa tctctgccgg tgctcacctc agatagcctc     360
tggtccgtgc acacgtcgtg caaggatgtt agcgaagtca actggctcgc tctcttcaca     420
gtcaggccga gagcaacctc ggttgcatcc ttctctgatg acgaatatat catgtctgta     480
cctgctctta ccagaacctc tttcatcaaa gtccgagagg tcccaccctg ccgcgactcc     540
tgcaagagtg gctcgctgct cttcgacgag ggcatcaagc tgggatctgg caagaccttg     600
gaaatcgata ccgaaggctt ctaccagctc tggtcaaagc ctgaggctga tgacgagcct     660
gttatcgcct cggatgaact cttggaaccc atgaacaacc gcttccttga attgacccct     720
acaaaagagg cgaatttcgn ncaagtgtat tccgagtctg gnactttcca agcgtggccg     780
cacccanaaa gggcccgtcc cccccatgcc tatgtaccct ggcttttct ng             832


<210> 2552
<211> 301
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 2552
ttatcaacct cattattcat gcgattnacc aagagaccaa tatcattccc acgtttacct       60
tcatcgncaa tatcctgcca gattaggatg gcatgatcta agtaagctcc anaagcccgg     120
atccaaaatg cctactcaaa tccgtttgaa gtccgggatc taactacata tccctgcatc     180
ttggcgaaag gcattttcac atgtnaacat gagagcttgt tctntnattc cggagcgccg     240
attatcgatt gctgtgcagc catccncctc atcattttcc gtggcancat agagttgctg     300
t                                                                     301


<210> 2553
<211> 292
<212> DNA
<213> Fusarium venenatum

<400> 2553
gctgctagca tcaccagcaa cgacgccagc gagcttgccg gccagatccg agccatgcgc       60
gacaggtcg agcgtctcgc catctaagat acccaacgaa ccgaggagga aagcaaaaga     120
tggaaacctt tttcgtctgt gggcagccgg cttcaaaagt ctgtttgttg ctgctgagat     180
ctgtcgccga actttgatga ttcggtccca atcatatggt gcaataattg gtgtatgaaa     240
ttaggccctt gggtagaata gtaatatcat caactgtctt gacgaaagcc ca             292


<210> 2554
```

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<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 2554
cccgattgca atacactact gtcaacaacg cttggattca tgaacaccac tacatcgccc   60
atttctcgac atttgcttgc aattctgggc atcaaaaacg ctctacgaaa ccccggctct   120
gggcttaccc cgaacccttt cgttcgcctt tggggggctca cccagccgcc cctcccgttg   180
ccgctccact tcatcgccgt catctcccca ctcgaacacc atcgctctaa ggtaccgact   240
gcactgtact caatcangac ctcggctcta tagtacttcg caaagtaaaa gcacaatcat   300
ggnagctcct gcgaatgtna aggtctcggg gccccaaata gtanctttct cgtgggctat   360
cctggtattt cagcgactct gccgcgcatc gaagggaaag tcnaaatacn tctggccagg   420
cttttctatg cccgtacccg tctctctcgt ccgaatatgt ctacagcgcc gaaaaacaat   480
acatcctgat gccgacagca ttgcgaaacg acatttaagc gctcctcgcc gcgaaacaac   540
ggactggtcg gcaaggaaca ctcctctttc nangttcttc tggaaaanaa   590

<210> 2555
<211> 150
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 2555
ngccantggt tnccccccng ggggggggn gggccttnaa caaggtggcc cttggtgggg   60
gcccnngggg gcgggngtgc nccccctcgg nggcttggan gggtttaana tgggggangg   120
gggttnaggg gtaangggtt tgttaagttg   150

<210> 2556
<211> 565
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 2556
gtcggctatt ttgaattctg tggccgacag ctgcatcctc cctaccatct tcacctgttt   60
gtctccgcag ggggttagaa aatgcccaat gagggtgagt tgccatatcg ccacggctgc   120
attggtttag tcggcgttat tgtggtgcaa ctttgtacac tgcagagcat gatgacgacg   180
gttgtcatg gaatcctggc attatgcctg cgctcacgct cgatgttctg ggcatttacg   240
gaaacccaca ttgccttgac ggcgctaccg ataccttcga ttttcagaac aatcacgtcg   300
ttgtgttgtg attctgagtt gagggaaccg caaggcaggt ggcgggagtg gcccagattg   360
catctctgac agttaagaca gatcanggta aagttccggt atctgttccg tgatgtctgc   420
caagtcagca aatttgagcc cgctttgacc ttgtcaagtt acctcttggg cacgtttngn   480
tgaagtccct cgngtcttcg gtgcggggtt ctgtagtaaa tgccgttanc gatgggggct   540
tgaacgtctt gncctgaaac tttgc   565

<210> 2557
<211> 162

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 2557
ntaacanaac ctcactgagg gctgncnaca tgaagntaga tcnttcaggc taaaaaagca   60
tctagntatt gnacaatgag aaccanttaa cccatggtaa agctttgcag gngntaaacg   120
gnatcatgga aatatcttct tgcggtngtt ngagcatgca tc   162

<210> 2558
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 2558
atctngccca caaggtagca tagcactctt caggacacct tctcccgagt cacatccgtt   60
cttcaacttt gcaactcatc gacggtactt tcgcaagcgc accacttctt tacgtacgaa   120
atctttacgc cagatcttcg aaatggccga ttcttccctt gccgncaacg gcaactctct   180
tcttgagacc accaagacca acgccgcgnt gcgtaccaat cggttgccaa cgggcccgtt   240
gctcaaaatg tctatggcca cactcagaaa gcttccaccg agctctctaa ccttgctgnt   300
tntcgacgca ctcctgcgac tccggctggc actggccagc ctcttactca ctatcactcc   360
ttcttttcgg agctcctgtc atggaacaac cctngcgcat ctgntatcgn ttatgccacc   420
attggttctg gcatcttcgc tgnacganac ttaaatggtc tccgatgggg ncttaagana   480
tnctggatgg nccttggngg gaacattctn cgctgagggt cttggnaagg gtaatcttaa   540
caatgggctg ggntactnaa gggtcgnctt cgacgaaact acacaagttc ctngngagaa   600
ccttggacgc cggtatttgg ngaacgt   627

<210> 2559
<211> 337
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 2559
cttgattata tcttctcttc ccccagccct gtcaaggcat ctaancagaa gaaggtnttt   60
gaggccgatg ctaacgccaa cattgtccac atcgagcctg catctgcttc tcacgctgcg   120
gcctaagccg acgcnttgat ttgcattaca catgcttgac aggggggcgg gccggtcact   180
cncnttttag tttctataac agtttgagtt caaattggtt gatggagtat gttancacat   240
tatgacgaga ttgcgcgctc anatgttggg tcctaatact acattctttg nggataataa   300
tacaatttca atacttgcct ttcnnaaaaa aaaaann   337

<210> 2560
<211> 751
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

<400> 2560
gcgggtcacg aaaccaccca cgtgtcggcc accggcggag cctcacgctt nccttccccg   60
cctccgtcct catcgcctgc tgctgctacc ggtcctgctt atgccgatga tgcaaagaag   120
ctcgtctatg ggcatcttga cgcgaaggga ctnttggtcc cttaggtcac gctttcgcgg   180
gtcccggctc agtttcacat accccactg ctcagcaacc atccccgca tccgacgatt   240
tccaaatatc caacccagct tatccttctc tggcgcaccc tcgcaaccgc cagagcagac   300
agttatacat atacgtgact tggcacatat tcagagtctg gccagcgccg acctgctatn   360
tggcaatggc ggatccggca ttctaaacga cccctcttc acaaatgaag tatgaaatca   420
gtggcatgcc atagggaca ttatcgagat ggtgggtgcg ctattaacaa agatcactac   480
cacaaatgat ctacagcacg atgcgatgca gcgtaatggt gntnaccaac agcagggcaa   540
ccaatntggg gatgcgagcg ggggntngaa ctcgntttga atnatctggt cttgcctttn   600
tggnaagaat gtnctggcat taccatcctt aagtatttgg cgaggaacac aaaactggcc   660
taccacttac naagattcct tanccttggg atantttgac nctgaaaaac gagtaacnat   720
ttggnacnaa aacaaaaaaa ttnaagggna a   751

<210> 2561
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 2561
accagctcct gacttacacc agagccgcag gcaaaaaatt aacttgacgg gatccatagg   60
tttgcgtttg cgccaanaaa aaaaaagcat cccagccttc ttgacttcat cttgcattct   120
agcctctgca cttccacttt acaacccacg atattcatac taagtttctc tatatctcgc   180
acctgcgtgc cccagctntt tccccatagt cttttgaaaa tcaatgacgc tgaggtagca   240
atnggggaag ctctagagat agtgagagga tctctaggag caagcaatgc tcgttacaaa   300
acacgctgca gagctttgtg ctctcctagt caatgacctc catggtgaac ttccttcgcg   360
aatcttgaat gcgctactga ccaaaggccg ctcgacgatt gcgcaactga tccaatatac   420
ctntcttact ccacgatatc tgcgaaatgg cctcgctgtc ttaatccagc aaaaccttat   480
ttaccaccac acagatccca ataccaacat cacgagctac caagcaaatt ccgatgcctg   540
ctacaatctt ggtcgggcgg gcaaaattct ggtgtgataa aaacacaata tggcactggc   600
gaacgggaac ttacccaaac ttttgatcca gn   632

<210> 2562
<211> 337
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 2562
cctcggtcat acttaattaa atcagttaca atgggctcta tctggaacgc tttcactggc   50
ggcaacagt ccggccacca gcagcaacag cagcagtcgc agtcatacca gcccacaaca   120
caagaaccg cgcactactc ctcctacgac cccacggaag gccagggcgt cgagtccttc   180
ctccagagct ctacctttgc cgacccctcg caattacatc ctctcgccgg cctcaacaga   240
natacgctcg aatatatttc cctcgaggac tcaccttgtc cgagttgcct ggnggcaatc   300
agtcctgcct ntcgtggctt caaaatgatt gtgttac   337

```
<210> 2563
<211> 120
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 2563
nccactnacc ctttttttan gggggtatng cccagaagac cggtccttgt cttttctaaa        60
gacggacccc tngtcaactt gggtttcacg atcaccccgt ggnagaaaaa acccgttttt       120


<210> 2564
<211> 154
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 2564
nttaaaaaag gnangggttt tttcnctngg gaaaaaggac ccnaaccgna cttaacantg        60
tcccaaanaa atgggcttaa aaggcaacaa anaagganaa aggggaagcn gaaaaaantg       120
naataattnc caatcanttt ttgtactttt ggac                                   154


<210> 2565
<211> 571
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

<400> 2565
aaacaaccaa tcctgggacc ttggcgagcc cgaattaaac gatcgcggcc aacccgtaat        60
ccacaacatc gcccaaaagc tcggatgtat ccgccccaac agcgacatcg atcttcccgt       120
gnnctcggta ttccctqagg acgaggccgg catggctgag ctggctcgac agctcgagga       180
tcagcagaag gaacacgagc ctgcgaagga agccatcaag gacacagact cttcagtgtg       240
taaccgaacc gagagagcgt catcatcgga actcgatcat tccgacgtcg acatcgaata       300
tgactaccga aaagctgcat ttggcaacac caacgccatg acctttcacc gaagagctta       360
actggctctc ccgacttcga ctttgccctc caccacccga aatcgatgct tcaacactgt       420
ccctcacaat ctccttcaat gaacaattcc cgcctggcat gataagctca atcacgattt       480
atatgcaatt ctacacagca acacaacgna gatgcacatg anagtgatcn ggttctggat       540
ngatcgacat aaccttcttct tcttctaccg a                                     571


<210> 2566
<211> 447
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G
```

<400> 2566
ttcaccgttg gtgagattat tggccgattc aagcttgtcg gctaccgcgg cgaggtctct   60
tctcaccact aaacgtacct cttgtattgg agcaagagtt gtaaggatca atcggtgctg   120
gactatgata agcaaataag gacgaatgga ctatagacat ggaccttcct ggctgaggac   180
gtctgggaag gtctggttgg agactggttg tttcggggg agttgaaaac tgggagactt   240
gggaataccg atcttaccgg acctcgatgt ttgtcctgag catctttctt ttgtagaact   300
gtacatcaat caagctgcgg cgggtgatcc ccaccgtgga gggctttcga caatgatatc   360
taataacgaa acgaccctta tggatggaga gaaacttgta aagnattgna ctatcttatc   420
tttggtgcat ccaatccatt attgacc   447

<210> 2567
<211> 198
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G

<400> 2567
ntacccaatt cancctggac aacgaaaatt aaactncccc tttttgcttn acaagcttgg   60
accatgccaa cgnccctttc ncnaatatta acttattnna gcctttgcgc attaaaaatc   120
cngaccggnt ttcttttntaa aaagatgctt tntgccctct ttttgctatc agtggnnggc   180
tttggtaagg gcaaccca   198

<210> 2568
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 2568
ctcttctttt accatcctca gtcactacac tcatactctt tcgctttaag gttcgtgtct   60
tctctcagac caacctttaa tatataacat cctcttctcc ctatatcatc cctattatat   120
accagtcctt catcacaact tgctcccttc acttcagcaa gcaccaccat gtccttcgcc   180
grtcgcaacg ccctccgtct gactcgggct gctgcccctg ttctccccag aaacgctgcc   240
cgatgtttct cagccactcg tgtgcagcgt gtcaatgaca caaacatgaa gaagaacgtg   300
gttcgtgaga aggagattcc cgtcactgtc tatgctgctg gacagggtac cggcgataag   360
cacacagtca atgtatccga agctgctgct cgcattccca acgaaactcc tggtcctact   420
cctgacagcg atgtggttaa gcctctcact tcgcaagacc tttgagcaac ttcctcaaac   480
aatgcgcaac atgaggggct acgaaagat tacttgctca ctggggcttg ccggggtctc   540
cgaaatacat ggttcgncnt gctaaggttg gngcaanaaa ntggcctttt gacccaccag   600
aacttgggga caaantttgt g   621

<210> 2569
<211> 534
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

<400> 2569

```
tttttttttt tttttttttt tgagagagag agacggaaat tttctaagag tgaacccaaa    60
accctgaccc gttgatttga accatatata ctctagttgc aaaggcaagc aaaacgtgaa   120
agcaaagcaa agcaaggatc caagctgtac atagtactgt actgtgcgtg ccacttgcaa   180
cggagaattt aaccaaaaga gggtgctcat tcgcacatgg catagcatag cccgtgtcct   240
gtccgtcctg tcgtatcctg tctgtgtctg ccctatcccc gacccaaatc gccttgtgcc   300
cctgtagcct cgcgaaacca ttttatcatc taggtggtca taaatganaa gcatggcgaa   360
gggtatcggc atgtactcat aaaaatggag ggcaatttct accatgggtt tcgctcatgt   420
gacaggggtt gcgtggggga tccgtgggag tttgagggtt ttaaaacctc ggaatcattt   480
gcatcaaggt caatgtttgc ccgccgtcaa aacgagataa ttgctcnggg aaat         534
```

<210> 2570
<211> 493
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G

<400> 2570

```
gccgacctat tgaggaagtc gagcaagaag ccttgagcaa tgtcttggaa accatggcca    60
agtctcaaga caagctatga aaggaaactg tgcccattat atcatcttga tacacacgac   120
ctctaccaat actcatcgac ctaccacaca acaaccacac acagcacatc cgcccaccat   180
taacattatg tgaaaattat cattgagcag ggagtcacag cgttatatgg ctatttgcat   240
tatggattta ggagtttaat atttgttcat acctctatct ttacacggcg ttaaaaatct   300
tgcatttgcc ttggtactca tcttcggaca gctccccggc gcagcgcgat aaagacaagg   360
tcgggcaggg caaggataag caactcaacc agttgtcttg ggcaagcttg gnctttgggt   420
catgccccat cgttggccct cccccgcaaa tgtcanantt gcaatcgctg ggtnccgaaa   480
cgcggggggtg agg                                                     493
```

<210> 2571
<211> 416
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 2571

```
aggaaggatg agcccacgtg ggagcccaag tctcttgctg acattggcgg caccaatgta    60
gccaagccct tcttcgaata cgactcggcc aaggagctcg agctcttcac cgaccatact   120
tacaacgagt acccttacca ggggctcggt gtgcctacag agaaggagat tgaaaaggtt   180
ctttcaaagg gcacttgcac tcgggaagag ctaaccaaca agattgttgc atcgcgcaac   240
ggtcgccaag gcatctntga agttgttacg gagatcatng accggaagac agtgatggac   300
gacaagggca aggctgtgtg ggtganggat gaggttgcgc ccggaagcaa actgnattct   360
acatatgctg caattctttt tgaataatct gtaaaataga agtnactacg agatgt      416
```

<210> 2572
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 2572

```
gtggtagcgc tgcttcgagc ggccaagtga cacccgccga taacacgcaa ggccaaatcc     60
ctctgcgggc tactcactct cggggtctct ctggaaaatg ttcctatgct tcagggcaat    120
gttattcctc ccagtggtcc catgcccact atgcgacaaa acgtgtctgt ctatcctcct    180
aaccagtcat gaatggacag gccccttcta ctggcgcacc tgttcaacaa cccagtatgg    240
acatgcccca ggcaacttta cccccaaccc tgcttccaac ggcgctgcta anggtagcgc    300
cnggcctacg antcctgcca acggcagcac gggcaacgcc ggggaanctc agtgggttta    360
gacttacaag tcttgcaatt gaccgcttgt atagtgactt catnacngtt tccgtggcac    420
cgccgtattg acaccgctac aatcacaatt tctttgatct gtctcanaac ttggccaaaa    480
ggggcaggcc gatccatcga atganacaan actccanact ggtctgtttc ntatcatcaa    540
aaggcctaca gganaccnct atcctggggt ctnggtcaat ttcttcttgg gaaa          594
```

<210> 2573
<211> 406
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 2573

```
taattctggc ttctacttgg aaacaagtct gaatagcttc acttgtatcg nggggtatag     60
acccacttac accaggacat acctatacaa cgaacctcat cctcgctccc anaagagtat    120
caatccncca ctgccgaaag gaanaaggaa gcggngggat tcnaatacat acaaaacacc    180
ttgaagtcgc catcgattca aaataaccat acgatatcga acgacgatgc atcgctccgc    240
tgttctactt gcccttgggg ttctcagctc accagccgcg cggttggctc aagtcanacc    300
aagaagtgtc atgggaacct ctcgccagac aggcntctac ggcctgaagc tggcgaacaa    360
gctaatatcg ccttgggatg gagtnctgtc caacagagcc ccccag                   406
```

<210> 2574
<211> 558
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 2574

```
acgacgaaga acaggcgaag aaactgaagg gaagactgag aatgccgccc accacaaagt     60
ggagggagtg gtatagcatc ctgttcaatg tcaaacccga ttcccctgaa attccttcac    120
catattatga ttcttctcgt cctggcgcca aaaccccctg cattaaactt gatgaagtag    180
aacactggcg cgaatactgg gaccaagcaa aaccggcagt ccgtcaccac gtcaccaaaa    240
cggtagatga ggcattcggt gactttgtac ctcaaatcaa gggcgaggtg atgcagcgtc    300
tacaagagtt acctcgcata cttgcagagc tgctcccttt cccaggtctt aactccgagg    360
aaacctcttc agcaacgat accattgggc tcttcgactg tttcaactct ttttgacccc     420
aatgtctatg atggggaaaa tttcgacttc agcgtacttg ataacgaaat tggcatccag    480
aatcacttca ctggggtcac tgagtcttaa aatcttnaga tcatatntgg ttggcgacag    540
tnaggccctn tgnggaga                                                  558
```

<210> 2575
<211> 563
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(563)
<223> n = A,T,C or G

<400> 2575
ctaaaacaag cgcttcaact tgctacatat cacaggcata tgatctaggt acaattaata   60
atgtgctcag cctgttttga tgccctggct gctatattct tggctcacta ctattctgca   120
ggttattatg acttcctacc cagaagcgac accccaagac ccttgcacat ggtgatgatt   180
cncagggtta tcatcgcagg gggcacggtc cctttcgaac angaccatga gatgcatatt   240
ctaatgangt gctcgtcaaa catgcancta tctccatatt ggtgactgga tcaaagtatt   300
tcatcttggc atgcatctac acactaccta tctacagccg caccagacga ccaatctcca   360
gaatccaaga acnacacggg ctgggcccgt ctctactatt tggggtttct ctatctcaaa   420
aacctcggcc tacttggtga gatatatccc tggctcaaag gattcggttc gcagtcctac   480
tccngctagt ggtgacacat nnataaatct nggtgggttg aacgtgaatt acaacctccc   540
ctgcggccct atcactttgg ggc   563

<210> 2576
<211> 359
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(359)
<223> n = A,T,C or G

<400> 2576
natataaggc ctgagagggt tgtctgcaaa cagttggnac aggatcttga tcatttatna   60
aaacatgcgc cagttccaag aacaaanctg tgggctctgc aatatatacc anaaacgaac   120
ttactcccaa tcaactctgt gctggnccng tgttaccaag tcctngactt acgaattgnt   180
gactnggaaa cnactaaaan ctcnacaaag cnagcggaca gctatgtcga ttntggattt   240
gganacaacc nactgcttcg gtggtgtaac aggttcnctg ttgngaaaac aaaacaaact   300
gtacagnana aggcaaaang gttaaatacn ttccaaaaca tnnctgtgat ccacngcaa   359

<210> 2577
<211> 490
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

<400> 2577
ctttcatttt ttttacccaa cctgtatagg caactaccta caaacgatct atacacttga   60
cctgatcaca agacctgtcg ctatctctgt tcgacccgaa gcgcttacat ccgtacatcc   120
cgtcttctat gcgccggcca tgtcagcaac aatggtcatg acaatggcac cgccgactct   180
ctctgccgat tccacgccgt gctgcccagg atgcggctac tccttacctc tcgatcacag   240
ncaagttcaa ctgctagaag cacaagcccg tatcgaagac tcgaaaacca ggtccgacta   300
ctcaacgaaa agctacagcc gccgtggatc gatgggccga ctacnaaaac aaatctctat   360
tctaaggggn cagcttcttc ttcgacaaca cacaaaaact caacccagc aactcctaca   420
aatgtcccat gtnntttttc aaaacggacc agccggtctc tcttctctcn cacgcaaact   480
cnnacttctc   490

<210> 2578
<211> 509
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 2578
ctctagttct aatttatcta gtcctggcga tcggacatcg tgggattaag cttattcttg   60
gttattttcc ctcattcgtt cattcatttc gttgttattc gttttgttct tatttccatt   120
cattctttat cagccaataa tctcggatac gcgtgctaga gtttgattca ttaatcttca   180
ggacgacata gtattcgagt caccaaggtt tcagtttatc acagccctgt tcgttgtcaa   240
ttgaaaccag gatcatgcgt acttttacta ttctcgcttc tcttactata ggagcttctg   300
ctggcacagt ctctgctcct ttcgtgaaca tggctttcac atggcgcctc catcgacaag   360
cgcaatactc taaatctaga agctctgaat aacatcacgg gaggaggata ctatgcagaa   420
ttccagatgg aacgccnctc naaacatcag cttccttctt ganactggta tatganactt   480
ggtcactcaa caacaccgat ctctgccta   509

<210> 2579
<211> 541
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 2579
ttcttgagat cgaatctgag gaagaagaga gcccaacatc tcccgtttcc ccatcgcaag   60
agcttgccaa tgtccaggac gctagaagcg ttaatctggg cagaggtcat gtacgcaact   120
tcagcgctgg gagcgcaaaa ctactcgata tcactccccg agcatctgtt gatgccagag   180
ggagctcaga aaggcgagga agccacgtcc taccagctat ttgaaagccg agctaaggtt   240
taaccgttcc agaagaaaag tccccgcagc attaatcacc gtcaattcga cacatcacac   300
tcctttcatt tccttattgn ctcaactgac tcagtcactc cttacccatt ttcttatcac   360
ttgncaagca aaaccaagaa actcttaagc atggggaaac acaaaaaagc gatgcggact   420
ttttttttgt taacgaaaac atttaaaact gtttctatat ggntgggttn ggcgtncgac   480
tcgttttgtt nattacacga ccttgtgacc cggggcattc cgngtcttac taggattttt   540
t   541

<210> 2580
<211> 262
<212> DNA
<213> Fusarium venenatum

<400> 2580
agaagtactc caaggtggga tatgtgcagc gagaccctga ctggctggag aaggagaagc   60
ccaagaagct ttgcgaccag gcccagaaga gtaggaagac cagaaagatt cctcaaagca   120
agcagtaaat tacggcacta tcacaacaat atggacaatt tttttccatt ttttttttta   180
aaaaaaagat ttgattagca tgtatcgtag tgttgcagga ttcaagggca taccttctgt   240
cctggcacga attgaaataa at   262

<210> 2581
<211> 165
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 2581
nacnaaaaag ttgggtntcc ggaaacggat cttacccTta accttggcgc cggtgccggc   60
ggnccaaaac cagggnttgg ggatttggng dacaacnccg gggtcgtcgg gggnaaaaan   120
gaancggtnt tttnaaaccc ttgacctang ggacttgtgg ganct   165

<210> 2582
<211> 190
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 2582
nccccctggc ngngcactta tactgtcaaa aaagggandc ccnactttta cccgyngggn   60
tttttttngga anaaaaccc gctntttgaa naccccnaat tggccaaaag gcccgnctcc   120
tttttttgga aaaantggtt tttnttatcc ccccggaaat tnaagnttaa acccCnttaa   180
cccgaagttt   190

<210> 2583
<211> 116
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 2583
nttaatacnc ttggacngag aaaactttgc gagctnnctt attcgaatag ggcnnatccg   60
atnttcttac caagagttnt caagactata ccnccgcgat tacnttcaca ttttaa   116

<210> 2584
<211> 258
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 2584
ngctctcgca atcaacagga cagtnatcaa ccaagtacct aaccaaattc ancaagttgc   60
tttgctggtg tgnggacaac cagactgaat ctgcaaagag ggctttggaa aggggcgcgg   120
aaagtccctg gaagccataa aactggcgtt ccaagcggnt catgcaanan atgattgcat   180
accaqtttc ctaacaaagc gcaccgatcc acnaatagtt gacgcgangc ccttcatcgg   240
gtncttttta tccatgan   258

<210> 2585
<211> 131
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(131)

<223> n = A,T,C or G

<400> 2585
naaanacaaa tgccgntgac caagatgatg gcccnctgaa tgntattgat gcccggtggn   60
acacaacnat tttggtgttt cantggaccc caaaaaaccc tggtggggcn agtgctgggg   120
aaaaaaaata n   131

<210> 2586
<211> 364
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 2586
cgcaattggg agcatggctg gtcagagaat caagcaggcc tttgattcat gaaactggcg   60
ccagggcagg tgcgaaggga aaccatgtct ggaagcagaa tgaaaaggaa taagcgggca   120
tgcattcaac aggttgggag aggtgtttgg tttttgtacg tataggattg gaagctggca   180
gncaaaaggc gcaatgagaa taccaagtca attgacagca tattgaaaaa tgacgacttg   240
ctaggattaa gaatgttata tgcgatattt tagatttaaa tgggaaactg cttggaatcc   300
cgttttggct gggtttatcc cgcctccatg gttccgaggg ctgttttgcg tagggngtgc   360
ttcc   364

<210> 2587
<211> 323
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 2587
cgcgaatcgt caacgaacca acaaccaggc tctgggtaag cgactnttta ggacacagca   60
catattatcc cttgacggga agatcgagct atagtataca gtacggccga tgcntattca   120
aactacgagc ngggccctca gccatctccg atggcttgca tacaaccaat atatgtcccg   180
aaatccaaaa ctctgggaac cggagggacg acnaccaacc gccgggatac tgtgttacat   240
ttaggatgct ttcgttctcg ctcactcaan aaaaaagcaa tgaatagtta aaatgtatta   300
cgtttgtttc ctcctgtctc ttt   323

<210> 2588
<211> 120
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 2588
natttaanat agcctctann tccgaaggna tnggttanac atntaaaaga cagagcncat   60
tngacactna ggggtggtcn gaaagggntt tttgctancg gtntacatga ttgyggatta   120

<210> 2589
<211> 259

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G

<400> 2589
ctggcgatga agtatcgnnc cggtaaggag tggacccgat ataatgaaga tgcggaagtg   60
agggcgtcag agcgatttgg caaggtcttg gaacaggttg atgaaatggt tgaaggactg   120
aanaaagaca agagtatcga tagaatgggn ccccgagaat ttgagatgtt gagaaactaa   180
aacgaggata tagagcncgc acagtataat gagactgtan actacgaatt gcttgaatta   240
aaataaaagc ttagatgtt   259

<210> 2590
<211> 413
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 2590
natgcgcaat ggtgacggcc agatgacgat gatcctgaga gganggaaac actttgcaaa   60
gcgagacggc agacagcgga ggaagaaaga aggctaagga gacggnggan ggataggaca   120
gcgacaaacc agtcggaaga aaatgcngag gagcanaaag aaaacctaac caaagtccaa   180
gggcggagaa aaaaagcagt taaaaanccg tnatgangct gaagcgcctc cagaanatga   240
tgtaccacac caaggcaaat ccccaagtga tggtgcggta aaggaanaac aaggaaaaaa   300
gcttgaggtt aaattggccg accggggttg gaattcatgc ctaccaangg ggtgggaact   360
ggtttaggaa aaanaaggaa ggaaaanccc cgnttgcatn tattnaaccc cct   413

<210> 2591
<211> 358
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 2591
tttttttttt tttttttttt ttngattgat acactctata caaattctta tacacaattt   60
atcatacaac catccccaat gccggaattc atttatggct tcttctgtcc gagaatcctg   120
gcatgttgct ttccagccgg ctttccagtc tgactggccc gtgaccgtag agtatatctc   180
tgcttcttcc aggcaaacac catctggtcc acactgccca tgtcgtgctt gggtttgcgc   240
atgtatgtga gacgagcacg tcgtgcctc ttgggtcatc gccagataat atcgataccc   300
gtcactgntg ggctgtagat cttgaaccac atctnacgcc cacctccatc atctgaat   358

<210> 2592
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)

<223> n = A,T,C or G

<400> 2592
```
aagggcatgg catatcttca tcttgcgcat acgttggcag atgctttcaa cgcccttgct      60
gatgaagttc agaccttgac agatcgaaag actgtcttgg agcacaagtt acgctttgct     120
catgaacagt tccaatatct ggctgacaaa tatgctccgg ccgcgcctga aatagccgat     180
accctggcta agctccagat acctccaaat acacctcttg ataattcatt gcctgttcct     240
ctacctttgc caagctcgta cagctccggc tcccaacatc agcttgccct cgtcatccgt     300
gacggacgtc gagtagctaa tcagcttgcc tcgctgggcg aagcgagtaa aaccactgcc     360
tctagccgcg agactgagtc gcaactttcc cacgtagcca cctccatgtc gaccgcgcta     420
gaacaagact tcacggtcca aggaaagaan ggccatcttc aatgcccgtt ctccaagccc     480
gccacggnca gcggctctgg gcccacgat gatgatgcgc agganaccac tccgcaccac     540
tcgggggacc catctgcgca gccatgttcg aanaatctac atc                       583
```

<210> 2593
<211> 597
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 2593
```
tgaagaccgt gtgcttgctg cctacggcgc aatcaagcga ggccaagact cgaagctcat      60
tgggaaatgg aagcaactgg ctctagaggc tgaagagagc cagagagttg aaaagagtga     120
tggtgatcaa ccagttgcta ccgcgcccaa agacgacctc agatcggtgt cacgagaaga     180
cttgaagcct tatatggctg aaagtgactt tgcaaccgct accaaccttt ctgcaaagca     240
gatcacatgg ctggcttctc ggccgttgat cctgcgcata aagttaccaa gggaagctac     300
agagtcgccg tggaatgctg gtactctcat cgttgcgcac ggcggcttgg tccctcaagt     360
ccctctcgaa gaacaagatc catgggcagt catgaacatg cgcagccttg tttaccctga     420
tgcccgaagg cagtacatcc gaagcccgtc aaggctgata tgatcaaggg gccaagaac     480
ccgcgtgcga cgattcgcag ctttncaaga ngcttcagac gaagaggttc aagtcgagct     540
ggccaagttc gctgatatcg tcaagaacng gaaaaggttt cagcgaagaa caaaaaa       597
```

<210> 2594
<211> 451
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 2594
```
gtaactttca tgagcggtat tttcataatg catggtgcgg ctatggactt ggcccatcaa      60
cgatgagacg atacaagacc acagacatgg acatatccga tccaaacaca ttttttcttt     120
ccttgttcg cccgtctat atatcaactt ctttttttggt accaacggtt agcagataca     180
caacgacaac aaatctggca ttcgaggcct ctctggtagg gctgaaggtc ctggttctag     240
tcaggcttga ggataacggc gttttttcttt tgtaacctct cctttttttc ttgacaatat     300
ccggatatct tgatacatgg gggaggggatt tgcatcacaa gggatcgagc agtgggctgg     360
tactcccgag acagcgtaca actctttttt tctttgcata tttaatgaac tcggctgaat     420
atattggctc ttttgaatta naaaaaaaaa a                                     451
```

<210> 2595
<211> 124
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 2595
ncccggagac anccgtgaaa gacngggccn tttataatct tnggtgctca ccaaaccnnt   60
tagcgttatt tntactgggt accntancga tggganaaat accgcntatn taacaanggg   120
gatt   124

<210> 2596
<211> 189
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 2596
gaaagacctc tgagtcattg atgtatatgc aagataagaa aaaaagagag agatacgaat   60
gacgcatttt gggttgatta gaggacggca tctaagttag ggaggggggac ctggtgcaat   120
cggcagtgca gtatctatca tgactagacg aaacaagatt aacnaaaaaa taacgggtta   180
cctagtttc   189

<210> 2597
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 2597
agctagagtt gcaccaaaca aatccgaagg cgcaggaaag gctgtagctg ttgacccaaa   60
aagcaatgcc aatgttatga caagttcatc tacagcgcct gccaattcgc ctccgcggcc   120
agattccaac tagcaaaacg aacggaacca gctgtcggga actgatgagg atggaatcgg   180
attgcagcag gtagacggtt gccaagacca catgaccgga cctcctgaaa gtgaccggtt   240
acgagatttc gattctcctg agcatagtcc taaatcggac agagatttca tggaatcgga   300
gacggcgaat ggtgtgataa aggacgacaa caacgttaaa gataagctcg cagatggatc   360
ttccggtcag gataccaaca caacgaacaa cttactggga agtgagaatc gtcttccagc   420
gttccgccgg cacgggacaa agtctagcat ctatttggaa gcgcaagatc aacctggccg   480
cgacctagaa gtggaattga gtgactagaa caatgacaca atgcccatgg caatgcanat   540
gctgcatttg aagacctanc agcatgcacc gcaatttctt cngaatctaa tcaatt   596

<210> 2598
<211> 138
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 2598

```
nccaccacaa nccgagacgc nccncacgan cacaagaagc cggangcgac gaacccaagc        60
cagcgggann acccgacgag nccgancacg aagacnacac cacaccccac gnccccaagg        120
ngaccaacnc caccacga                                                      138


<210> 2599
<211> 945
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(945)
<223> n = A,T,C or G

<400> 2599
caagcaacca gaatactcgt tcattattca caacagtcat cacatcacac aacagacaga        60
cattccttga catcttttag attgcaccag gagtgccttg actcgactta acttgactta        120
aactacctcg aaggcctatt atacaaacga tacccaaacc acaaatactc ttcttaatca        180
actctacaaa ctccaatctt caaaatggtt ttcggatctc gcaacaacag agcctctgag        240
gaggagcagc gtggtcgcag ccgtgagcca gtcccgctta tggagagcaa gcaacgtacc        300
aactcatacg caagcgaact ctctacctcc accacaaaat cttcggcttc ttccacagcc        360
aaggcgtcac gctcttggtt caaacccgca ccacaacccg ccaacgtcaa cgttcacacc        420
tactgnggaa ggcactcaag ccagttccta tttggnggac catccctggg tgacctcgct        480
cganccatgt tgggcaagga ttaatttcca gcatgagcat aatgagcata acaacaaac         540
aaaggctgna acatcatcac cagattatta gcagaccgct aatcacccga cccacccaaa        600
cgacctttac ttttattatt cttggatcac cttnattcat ccacaacttt naacgtnact        660
ggntggtacc gggacgggca ctntcattgg caagcgtggc gtcttttgta tggtaaagaa        720
aagaagacat ttcaaccatt cattcgaaag agaccaacta cacgcaatag ataccctttt        780
tttggggggg gggagagtgg gggatacgan agatcagtgg gaagactgta ccacgagaga        840
cgacttgtat gattacattc tgtgtagcaa tattccgtaa cgaaccccat gaatccgaac        900
cgatacatcc aaatgcatta gtatacatag aacaactttn ttatt                       945


<210> 2600
<211> 737
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

<400> 2600
gttcgggaan atggtcaagn ttgnccttgc caaangccca aaanagtcgg ggaccntgt         60
gcttgggtgg anaagttgnt gtaaacgggg ncnatgccct tgcaatgaag nacnccagtt        120
tggaanaagt canccgcgac gtatgttgtt gacganagaa gcttttttgaa gcttttttcgt      180
ttgaaagtaa tgtggtnaac cattttgagt gttgtctggt tggtattgat ctgcgaggga        240
tcggcagagg ttgattcaat agtatagatt ctacactaca ctactcaatt ctactttgaa        300
tcaaactact ctcagtcatc ctctcttcac ctcgatcatc gttcgatctt cccagttatt        360
cnagatgcc gctgcnatgg aacccaccca gcaagcccct atgacctctg acaacggaga        420
tattgtcacg cagcaaccca ccgctgagcc tcagcctgat atgtccatgc gaggtggtga       480
agaagctgga tgcgagatct gctgtggtct ctgcgcctgt gacgagggat gctgctaagc       540
tttttgtctc caacttcgaa catcttgtct atgaaacagg atatagacta aattgaaccg        600
ggaaggagtt ttggcagcct tgatattgta acttagtaac tttggtgtgg attggatgtt        660
ggtaatttta agctataaag tatatcaact aaaaaaaaac ttgcatatca aanaaaaaaa        720
aanaaaaaaa attcttg                                                       737


<210> 2601
<211> 530
<212> DNA
```

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<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 2601
gcgcattgtt tcaatttgtg tcggagcggc cttacgtgaa gatgactttg aaaccgctta   60
ctcctatgta gtcagccgtc taggcgttga cgagactgag cgtaggaaac aacatatcag   120
tatttctgac gaatggtcat ggaaggcagc actggatgcc ggcaaatatg tgcgtacaga   180
gaggtctcag aaaccaacac atttaggcac ggcgagtgga aacccagaga ttcgtcatct   240
cgaacagcgt attgagtgcc tggcaacttc tctgcgcatt gcaccgnctt ctcaacttca   300
ggaagtattg aagactttcc gtcgctgcga agaacaatta gacgctgcag tcaaggagga   360
aacttgccgc gaggccgctt gggatgcttg caagcganct ctccggactt cctggctcgg   420
tcgatgcacc aaatccagac aaggnatatt caccacgcaa cattactgnt agtgcaaccg   480
ctcgccaaac ttgaagaaga ccgatgtntt tgttgacctg tncagggcac   530

<210> 2602
<211> 636
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(636)
<223> n = A,T,C or G

<400> 2602
cacttttcca tctacgagga ggtcgtttct ctcattgatg agattgatcc tgccgtggta   60
gtgatcgata ctctgttcag accaggactt gatgcaacaa gagacaagaa tcgacagcat   120
gcgttcatca ctcccaacca ggctattgac aactttctcg gagaacagcc gtatggaagc   180
atgttttgga aatatccatc gatgagttcg ggttttccat ttccagtgcc atggaacaag   240
attcccgaga atatttacct caatatccgg tttatctaca gtgttttgag aatgccagat   300
cttgctgcca aacgaaaggc actccgcgag agaggactca agatcctct caacttcttc   360
ggcatgtncc gagatgatgt gccgtggatt actgtcacag ccgatggcgc ttccatccca   420
gtagaataca ttccgtcgaa cgtatctacc acaaacccga ttggtctttc tgttgccccg   480
gctgctgaac aagatcctgt gcttgttgac tggttgaaga aaaaaccaac agtcttggat   540
aacctcggna gcaccgcgag ctattctgaa tctcaagttn aattatgaac agcatggcaa   600
cgcttggnaa ggtggnatta agtctttgga agtcaa   636

<210> 2603
<211> 168
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 2603
ntggcntttg tncaacacaa tgggactgtt ttagtttagt aatgagcaaa tnntcgctgg   60
agcgccgant gaaatgaaat gatttganan ttaatctgcn aaaaaancc cttttcccan   120
ttggcgnaan aacaaaaagg ccccaccgat cgcctttcca aaaagttg   168

<210> 2604
<211> 158
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 2604
gccgcgtcct cgcctccaag agcaagctcg ccaaggaggg cgatatcgtc gctgctaccc   60
ccggctggac cgagttcgcc atcgttcccg agggccgttt tgagcctgcc tcttactacc   120
ctggtgtcaa gaccccaagg gcatgctntt tgccttgg   158

<210> 2605
<211> 489
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 2605
cccttcgaag gctagtaagt cggctctcaa ggctcatgcg aaaggctcag ctcgacacta   60
ccatgcgagg taagcctctg gcctccaagg tcgatgctcc tgtcgaagga ctttgcaagc   120
aantacgacg atctccacct atatggacct gttcgctgga acgaaaccgg atggtctccg   180
aaaagctcac ccccgaagaa gctgtcaaag aaactatgac naccttcacc tgtatggtgc   240
tgttagatgg aacgagccta acggcctaag gcgtcccacc gccgangaaa atccaagact   300
acaaggatac agagctctat gcaattcggg acttatctcc cccaatctca cgcgttcatc   360
ccgaagaagc ttccaaggcg tncaaggatc tcccangata ccgtcctatt cnaatgctga   420
cactgctccc cgcatccacc cnaagaancc tcnaaacaat acccgaattg aatgcttatg   480
ctcttttga   489

<210> 2606
<211> 468
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

<400> 2606
gtcacgtcct agaatagaac caagaatgac cccgagaaaa tggctgagaa ttcaatcatt   60
aaatacagag cccgttggtn tcgtgccgac cacggattct gccggccaac ggcaatccca   120
gcagcgaagg gccaccattg caccagatct atgcccttcc ggcaccgatc cgcacgtttc   180
ctctgccggc cttttacccg aacaacccca tatccttctt ccatgttgcg tatgcgtggt   240
taggccaact gtggtctcca ccaaaggcgg aacctcagtt gtgcacattg gaacctggtc   300
tgccgctaca tcgtctgttc acattacgga tgangtntct accnaaccct gttggacnag   360
gctctatgga aaaggtatct aatcgtatna agccaattgg ttaagcttaa cangtcnaac   420
aagantgctg atccattntn caaatctgac cgtgccgaaa cttaaaac   468

<210> 2607
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)

<223> n = A,T,C or G

<400> 2607
```
gcttctggtg tattacgaag tgttagttca aaaaggtcgg tctaacattg tcgatggtca        60
tctcaagggt gcaatgacta tcatgagcaa caacgggact gccaccgacc cgacgggcgt       120
cttttggag cgtgcattcc gcttctatga tgtgatcgca gcgctgtctt ttggtactgc       180
tcctctttct agtgctccag gcaccaacta cctggcacca tttcctcccc tcgactctgg       240
tggtgcgaca tctccgctca atagtgttga tactctgctt ggcatggcaa cttctctatg       300
gcccataatt caccggctct ctaacctttt agccttgaaa gaccagcttg acgttgcagt       360
tgcgaacgaa gaggtttcca aggtggcagt cctcagaacg gaatttgaaa cctcggcaac       420
agccatcgaa gccgctctgg aggattggca ccctgtgctc cctgaaaact cgatcctgaa       480
ccagaatccc gaggaactga gccctgaaca atcgactgaa aggagcccga ctncaaagta       540
ttctgagtaa cgccttgtcc taccgncatt ctgcattcgn ctatctttac cgnaccattt       600
atagctaccc acgccg       616
```

<210> 2608
<211> 360
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 2608
```
ncaacatnac cgacacaatt ggtgtgtcga aatgctatca acccnagtng tccggcgcct        60
tcnaaaccgn ggatactggt gagatcggna ccancctcca nganattgga cnaaaatggg       120
aaacatccac tggcccccac acangtacng atggctcgac ctcgttatcc cnaanatagg       180
gcttccatct tttttctcat cgtgacctca caaaactcga tgtntggtcc ttttgagaca       240
ataaagattg cattcctcaa gggcgcggng aagaactnna cactacccgg tggcttnact       300
tctggacccc ncnaaatatg tntacnaaat gctgggtggg aaaacccaca ctggggcaaa       360
```

<210> 2609
<211> 678
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(678)
<223> n = A,T,C or G

<400> 2609
```
attaatttca tcattaaatc ttcttcgatt cattttctta ttctgtttgt cgtggtgcga        60
cacagaagtt gtctggtctt gagcgagttg atgagctagt atcacgtgat cgaagaccca       120
catatcgtgt cttcacggtc attctctctt cccagccttg tattatcatc atcaccctca       180
ttcaatcacc gacacggcgc cgcatcacga gaagcgatct gattgctctt gcagagttct       240
gggagtgcaaa aaggccattt ctcctgattc aagcgtgcga tcgaagacac cggccgactc       300
ggctacagc catttaaaat tccgacctgt acccatcgaa cgagagcgcg cgcgccgcct       360
tcccttcgt tggaacattc ggggcttgta gtaggyatcc ccttggtttc gcagcgtgci       420
ggaaatcatt ggagtagtct tgcagcgtgc tgganactac tanattgcct gtcagcgaac       480
ctggtgttnt ttgtacgtgc cgtaccgtgt cnacaactac cggccatacc cgaacgatac       540
aggcccatca catacgcgct caaatatccg gatnctcgnc ggtgggggcg ttataattgc       600
cgacttctac ccaacaaaac gangccttgt tgcctttttt gttggaagga ccgggttttc       660
aaaaaggaat ntacttga       678
```

<210> 2610
<211> 549
<212> DNA
```

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G

<400> 2610
gcaccccccgc aagagccgca ggtcatccag ctgaacggct ttcccaactc tgcgaacccg   60
aacaacaact cgagagcacc ccctgggcct caggctgcct cttctaatgg gagcaatcgg   120
ccttctagaa taatcaccga actccctccc cccacacaac ttgacattga atggtcgcct   180
gtgttgacta agaacaacga gcgcattctc aagctaggtg acctcatggt ggtctcgacg   240
cctttgcatc aagcccccac ggaaaggaac caggagaagg acataagaag ttgtctcgtt   300
tcttcattgg aagcacaaca aagaagcgcc agcgcctggt catgattacc tcaagcggtc   360
gaattgtgct tgcttcaccg gtggtgagga gaaacggcaa agcaagagct ggccttctag   420
gncagattgt tcttgaagac tcaggtcgat gcaaaagggc aaaccgatng tgcgtaatac   480
cggtggncac cattatcatt tgagaggcca atnctatcaa ctcccggaa ggggttaacc   540
ccnttattg   549

<210> 2611
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 2611
nngatcaatt cgtcnttatg cgncaacttg caaatngcat acccctgant ttngttcgat   60
ngcctttatt caaagtnnat gtggctcnnc ccgtgcagga ntga   104

<210> 2612
<211> 600
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 2612
ccaaggctct cgatcgcctg tcaagaccac atttgccgac agtaatgagt ctctacccgc   60
caacctggcc cctacgaccg acccaaacga gtaccctctc gagccgccta cccaggagtc   120
tgagcagctg gatcatattt atggctccta catctcgcct ctgtgcatta cctctttcct   180
tcacctcatg tcgtcgttcc ctctacccca agacgccgag gagcctcact cctctcacag   240
gtgcttggac aaccaggagc aaccgcgcat cgnggagcta acgctctcac ccacaccatc   300
tcctgactac cttagcctga atgatctgag aaagcatgag atgatttacc gctttgagca   360
ngaatggaat gtggacgtgg tcctccanan agacagtgtt tggagacncc ccctcgactg   420
gtggtctttg acatggacag cactntnatt actcaggaag taattgacct tttggctgat   480
catgtcaagg atcccccaaa tctggctgcc nggttgccca aaacacacat tgtgcganga   540
tgggtgagct aaantttgag gccttttttc cgngaagcga agtcgctctt cttaangggt   600

<210> 2613
<211> 265
<212> DNA
<213> Fusarium venenatum

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<400> 2613

```
atccactatg gcgtaggccc acatgcttgt cttggaagag acatcagcca ggttgcgctg      60
acggagttgt tcagggctct gttcaggaag aagggcctta ggagggtggc gggtgcgcag     120
ggagagctca agaaggtgcc ccgacctggt ggtttctttg tctacatgac agaagattgg     180
ggcagcattt ggccgttccc cacaagtatg aaggtgactt gggatgaata ggatgaagta     240
tgaatgatat catggatgga attat                                           265
```

<210> 2614
<211> 443
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

<400> 2614

```
cttnttcgcc atgtcctctc cctacgacct gcatcncgac tatcgaggct cctcttcctt      60
aatttgnaca tatncatgaa ncgaccttna gatgccnttt taccctcctn acnagccgaa     120
ccgcctcctc cnaaacgcgt cccaagagca gtcggngaat cgcgctacag gccatcataa     180
attccgtttc gcacccttca aacgagcgtn ttttggcgac ctactccttt gctggaacga     240
gcggggtctg tagaggggac tgttcgagtc ttgcagctca attctggagc tcnaatagtn     300
gcccggcaga gaaactgact tctcttgncc aaaacctgnt ggtctttcgg ccgtaaaaaa     360
anaaaacctc actctcagtc ttgcagctna attcttggag acggagggta aggttntttg     420
cangaatcnt taattcngcg gtt                                             443
```

<210> 2615
<211> 423
<212> DNA
<213> Fusarium venenatum

<400> 2615

```
cagaacggat gttgagctca tgtacagaag gctgagcgca gtagaagcca agtggtttac      60
aaggttgatt ctcaaaagct atcaaccact agtattagac ccgcatctca tataccgtct     120
ttgcgaccct cttcttcctt gcgttctcaa ggttcaagac gactttgcta ctgcgatcac     180
tactgcacaa actttgcgaa ggggattact cccaaattct ggacagcaga cgccgcgtga     240
gcaaatcatg agcacggtaa aacctcaact gggtatcaag attgggcgac agccttggat     300
taaaggccgc agtattaagc attgcttgga tatgggacac gggcgtatga atgtggaaga     360
aaagatcgat ggcgaatact gccaaatcca tatagaccca agttaaagga gatcgatgca     420
tcc                                                                   423
```

<210> 2616
<211> 614
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 2616

```
cactattggt gataggacgc ttcacaatgt cctcgacgaa gccgaacttt ccatcgtaat      60
aacgntcgac aaactacata tgcgatttgc gtcctttatt ttgccttgac gattccttct     120
ctccgacag tttcgcgtcc gataacctcc tgaaggccat gtccggugac ttcatgccat     180
cggcaccaac acccctcacc agcttcacaa cagataccgg cctgaatacc gccagcgcgc     240
acgtttcgtg gtacaaccct acggcctgga gttttaatgt gacacgctat gcacctaaat     300
tagaggacct tgtgcgggct ggtccacgac ttgtcaagaa acttggatct tttgcatcca     360
tnttcgactt cctcgatacg actttcaata attcngatta tctaccngcn ggagctggtg     420
```

```
cnagtnctat acttgccgaa ggctggtcca cgatcaaaca tatggaactg ggctgggaca      480
ttgaganacc cgtactgtca gccgcatatc cgatggacgt gtgtggtcga agtnccgtac      540
ttggtanatc ttggnttgct caagcaagtg gcattgggtt nattgtatgc cgnattttaa      600
ccgacgcaat ttct                                                        614


<210> 2617
<211> 130
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 2617
nnatgaaatt cgcttgatgg gggactcatg attgctcttc gatnnggcaa cattgaaata       60
ctngccagaa tggcgagacc acccttctgt ttggaatttg ctgnggacgt tgagacctcc      120
ncacaatcac                                                             130


<210> 2618
<211> 842
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(842)
<223> n = A,T,C or G

<400> 2618
ctgaactaca ctctttgcaa ctgcaattct ttgagaagaa taaataaaca gtcttgttgt       60
cggtctgatc cagaacttga ctactcagtc cactatatca cggcccactc tcactcactc      120
aaagacaacc acaactccaa gtggtcatct caactttctc tctcacatat ccaataaaca      180
tcacttccaa caaaatgctt gcctctcacg gtcgcggcgg cgctggcaac atggccgact      240
cagccaccac agaaaagaca gaccccagca agctccacac tcctgtcctg aagagctccg      300
tcgtcactac cggccgaggt ggtacaggca atatggccaa gaacgacgat cctcgcgaga      360
ctcgcaagcg tcaagacgtt gaagctgtgc cccgacgtcc ttcttatggt actcagcact      420
ctggtcgcgg tggcgctggc aatgtcttca aggacaagga cgtgcaactg acacgcaagg      480
ccagcaacga aggcgccatc accgacgacg aaggaaccca gcttctgcca cttnttctaa      540
tgccggcgaa gtcattggct caaaaaggca agaactggct ttttcggtaa gaaagcttaa      600
cgagcgagag cgtnttccga tcttttatta ttcggtctaa gtcttcagag cgaaacaaaa      660
agtttcatgg tctactatna ttggggtnng ggtttctttt acagcttggn ggtttnggcn      720
ccttgaattg gattanaaaa aggggtctng cttntaagta tggagaccat ncncaacaaa      780
aatggggtac cggccggcct nggataggcg attntattnc taaaaggngg gacncgagat      840
ct                                                                     842


<210> 2619
<211> 534
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

<400> 2619
caaagacaaa gtccaagaag cgcaagcaaa acgctcaagc gcagactcaa tcagaaagcc       50
ctcgaaagat cgcaaagaca acatctccct tgataccgac acctcctccc gatggcagca      120
```

```
ccacacccctt cgagccaaag aacctccaca ctgtcgtttc tgaggaagaa cttgagatca      180
ctatcgacac tctcacatcg ntggcccaat atcctggttt gatcaagtca aagctctgca      240
aggaccttag agttgccgta tacgactttc ggcaagcttg cacgaccggt gtcaacaatg      300
ctgntggcgc gaaccttaca gcgcaggtca ctgctgcctc gccgatcgga aatacactga      360
agcaagaatt tttcttgctg agatgaanat tcggggcgaa cagcccaact tggtgcctgt      420
gccgatgggt gcganatctc gatgtcatna cggnctgtcn ctgtgccana ccacagggtc      480
tcgtgaagcg ctccgaangg aagaaccctg acaaggcatc gattccgtnt taaa           534


<210> 2620
<211> 142
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 2620
naaaacctga cctgncgntg gttgcattgn cgaccgaagn tanacctccc aagggaaaaa       60
anggaaaaaa aaggtngana gccccaaaag gggtntggaa aagagaagaa nttggacttn      120
aggggagggg ntaaggaaaa aa                                                142


<210> 2621
<211> 467
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

<400> 2621
cgagaagcga gccagtgctc atgatctgct aaggcacgaa ttcatgaagg gctgcgttga       60
tcttatccaa ctctccccct tggtacgagc tgctcgagaa caaagggcgc aagaaaaggc      120
tcgcaagggg cagtaggtac accccgagcg aaccgttcct cccccgtaca tgcctatcgc      180
ggtgaaacgg gagagcatat tctaccgatt cccagcgtat tttaaacgac ggngattgat      240
gtattgatac cgtcaatact gttccgtcgt ctcgtgacga cttggaacaa atnaagcgga      300
ccttgatgtg tcctgatcac gattttgatt cccaactatt ttaatgacat ttttttgcac      360
aaatcattca acttttttata gcagggtttt tgcantattg aaatttgaaa gttnntaacc      420
attgctttng caaaagggct nggggggggnt cggaattttn ttattgc                   467


<210> 2622
<211> 197
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(197)
<223> n = A,T,C or G

<400> 2622
nggcggggttc tctcagggtg ggccatgtct ctccttgccg gcctcacctg gacaaagcaa       60
gntgggtgga atccttggcc tctcctcggg ggtgntcctg nccangacct ttggccgaca      120
tgggtaagcc tacagatgcc aaccggcaga ctnccgttat gaagttccca ngggggaaaa      180
aaccttatng cccccttg                                                     197


<210> 2623
```

<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 2623
```
cgctttcata tacgtccgtc actatctatc catcactacc aacaaactct taacaatgga      60
tgccccttca acctccaact cttcggctca gcagtctcct tctgttcaga tggtccctca     120
gccagctccc acccaaggca gcaacccatc aaccgctcct ttcctccagg actttacact     180
cattgccgag gctgccaagc gagcccagat ggccatcatg attcgcgatt ttgaagactg     240
tggcctgtaa attcacaaca ggctatgcaa tccaacaaga gaaagaaagg gaaaagatga     300
tcaaacccat acctatctcg accaaaagtc aactcgacga atcacttgag anaccttgat     360
tgggggggg gaaaatgtgc ancantggca tntttggctt atcccacctc accaatcacg     420
acgtccatgg gccatattca cattctttgt ctctctcata tcactcacct ccaaccacca     480
ctttcttatg catcatcatc attgctatca tggttatggt aggaaanggc ccntccanaa     540
aaaaaaaaat ggatatgggc atcttttctc ggctctatt                           579
```

<210> 2624
<211> 517
<212> DNA
<213> Fusarium venenatum

<400> 2624
```
gatttgttcc tcacttgtct tgagaaacaa gaacaaaccc ttggcataat atcatccaat      60
atgcaaccta tcctaagagc catgcctgtc gaaaagattg tccctcttct cttgacagtt     120
ggcagcgcca cagtcgttgt tggtggtgtt cgcacaacgc tcaagccaca gacacaatca     180
cggtcttttg atagaagact tgcttcatac agcacagcac aaagtgaaaa gactatgacg     240
acaatgattt acagcacttg gctagaagat tagacaaagc cattggtaca gaaatgcagg     300
cgtttcagac caccacatcg aaatcacgac acttaatgca cattcacgaa caaacacata     360
cacatatcta aagtacttgc tggcaagatc aacttcttaa gcaagaccag tacactacaa     420
ctattacact acggcctgga ttagaaaaag ttacataaac tagcgaatga tagaattatg     480
ggcaaggatc ccacttgaac ctttcaaaaa aaaaaa                              517
```

<210> 2625
<211> 614
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 2625
```
aacaaacgct tcgtgtacaa aggctacgcg agtcctaaag tttacctaca tctcaggtgt      60
aaggttagac ttgccctact acttacacaa ctaaatttta tttcttccgt ttcaaatgcc     120
agctttgtag cgaaccaaca atattttgtt ttcatcatga acttctcttc gtcttccaag     180
gtcttatctt cgcccgccaa aaggaatcaa ttgctctnta gtccanaacn aaacatcgcc     240
gcatnctttn ttctcgatac ccgaaataat gagcttagtc accgagatgc tctggcggca     300
gcgcaactag aacacgagcg cgtgcgtcaa gcagcgatac gagtctacga gctccatgag     360
ctgcaagaag agcacaagcg catcttgctg aanagcgcaa ggnggaggag agattaaaag     420
ttgaggccgc tgtggttgcg gaanaaaaac ggctttggga actcaangna aaaacggttc     480
caagttcccc ggaccgcgcc ccaccagcat tncaggcaag caagancctg ngaaaacaaa     540
tggggngca acttctgtna caactnaaaa naacctggag ctttcccacn ccnccccna     600
acaaaaaaac ccct                                                     614
```

<210> 2626
<211> 190
<212> DNA
<213> Fusarium venenatum

<400> 2626
tattgagcat ggttgggtag tgttagaata ggttatggaa ggataggcgt tatggtggat   60
aaacaacttt cttcttcatt tttctttctg tacatttcca tttattgtta cgacgaaata   120
cttttcaaga accacactat tttttaggtt taacaaatag tgtggttctt gaaaagtatt   180
tgttaaacct   190

<210> 2627
<211> 293
<212> DNA
<213> Fusarium venenatum

<400> 2627
cgaaataggc atgccagtgg atgaatttat cgataagatg tatgaagatt tggtcaaggg   60
tagcgatcag ttcgcggtcg ctttggaac ggagctattt aaagaagggg gttgggaatt   120
ccagcgcgga aaaatgtgtg atgaagtaag aagtgtttta acgttgcat tagtggatta   180
tttacgggac taagtataag atattgcaga taaggaagat attgcacttt tccccttgt   240
atttgtaatt ttactttatt aaaattatca ataatctact attttctttt tct   293

<210> 2628
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2628
cagttcatga tcgatagcca ggtctcaccc atggctttct caatctccaa attcatcgct   60
tcatcgtctg ctattcttct caagttgccc attgagactg tccttcgacg tggacaggtc   120
tcactcctgt caagtcagga atacgtgcag gcactcagcc ccgggcaacc attcaccact   180
attatccctc ccggacgcta cgaaggcact ttcggtacca tgttccatat tgtcaacgaa   240
gagggaaccc acgaggcttc gctacggcac atgctgcagc aaagaagggc aaggcaaaga   300
ataagggtgt tgccgcaacc gtctacaagg gccagggccg tgagggctg tggagaggct   360
ggaaggtcaa ctggtggggt cttgttggtc tctggactgc gaatgtggta ngccatggtg   420
gagagggcca attttaagac ggctcaatca tcaatatttg aggctgcatt gtactgaggn   480
gcatttctg cacngcgtt gcgggtggga tgtatntntt atctaccagc ttgacnaaaa   540
aaccgcatta tatccncccc cattttntga aaatgaaatg gnganaaaac naaaaanggg   600
gctggttt ct tantanttca aaattttatt tcnt   634

<210> 2629
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 2629
ttttttttg cattaattga acctcttcat tcatgaataa gatttgatct tttggcaaac   60
ctataagtat acaaaaaaac aatgcgccga aaggtggctg cagaaagttt catcccaagc   120
caacgccttg gttttctcac ttggatttca caagcttcgc gtcttcttcg tcactgtcat   180

```
catcgtctga gaacttgtct ccatcctccc caacagcaaa gatggtctca ttctctagcg        240
attcacgagg accggtgcgt gtgttcgttg gctgttgagg ggcactccga gatgcgcttg        300
anaacgacag accgttggcg tgttgtgagt tgttttgagg cttaacgatt tcggcctcct        360
catcatctga atcttctcct ggaacaccaa tatcgccaag gtcaaagttg ccatcatcgt        420
cttgggcaat ttcgtcactc atggcaaaac cgacggttgt tggacgtagg cgccaaaga        480
tcgcgatcca tgcaacgtca gcaaagtaga ccacgttcag cccccatcga ngatgaacca        540
tcgtgtcttc cagtggaacn gaaccaaatc aggatcctgg cagangcaaa cgtgaaactt        600
gttgaaaaaa aaaaacccaa a                                                  621
```

<210> 2630
<211> 382
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 2630
```
gtagcanatt tggccaagga catgtttcta gcaacagctg gtgtcatggt tcaagatatg         60
cctcttctag ggacagcaag ccaaggggGG gacgagcgac cacagcctac atcgagtgcg        120
atacggatca ggtcatccca aacattggat ggtgatatcc cttcttcgcc tcccagcacg        180
acatcgaata tcaccagcga tgcagcaatc aggcgattgc agcttctcgc gccctcgtta        240
cagttggaca agatggaaac tgccaaacag tcaagtgttt tgtcacgctg gccaaccgag        300
cgtggtgtca ccacagatga ctacatttct ancgttgcta ttgccagcga tanaaagttt        360
gaggatgcaa ngttaccact gc                                                 382
```

<210> 2631
<211> 558
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 2631
```
gttgttcatc tcgcgccggt tgacggagct tcanaacgga gcgattggtg ttttgagtca         60
acctggcgtg ggttcgactt ttgcattcta cattgaggca tatgttccga gcgaacctcc        120
aggaacgaaa ccactggctg ctgccgctgc ggccaggcta atcacgggtg gcagtgatgc        180
cgactcggct gatggcaagc aaaactgccg cgacattcgc ctacaaaaac atcagaatcc        240
gggaggaaac gtncgacnag atgggatcct tgttgtcgaa gacaatctca tcnatcagca        300
gatcacaaga cggggattga cagatcgggg cttcntggcc gatgtcgcga atcatggaat        360
cnaaactcnc gacatactga gaagcgccag agtactgttc caggacttgg tctcaatggg        420
gtcctgntcg ttcagggaag gaccatgccc nttcgctgcc cactgccatt aatcttgtgt        480
tgatggatat ccagatgcct gttccaggac ggcttngacg tgcacccnaa taaattccgt        540
gaattannat cggaagga                                                      558
```

<210> 2632
<211> 354
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 2632
gagcgcaagg cccaggagtc taacccntac cacgagggca aggagaactc ccacgacaac   60
ctcganttta aggatgagcg atccnttgcc aaccgactcg ctgctgagga gcanaagtca   120
gagtctggtg acnatactga nactgcccaa ttaaagaagg accttacctt gcttgttcnt   180
tttacggtaa cnaaccttcc aagggcncca aggtcnntgc aaagttgcaa gctgaggagg   240
aaaaggactt gaaccccaag ggcaaggntt attggtaaca atacttanat cacgggccgt   300
ttnnttgcag ggcaaatgat gcggaaggga tgaattaatg aacaataatt gaag   354

<210> 2633
<211> 285
<212> DNA
<213> Fusarium venenatum

<400> 2633
agcccatcga gactcctcag cctgttgaga ctccccacac aactgcttcc gagaagccag   60
ctgctcctta ctacectect cctccttact aagggcatga aaattagcat tccatgagtc   120
tggaccagg atgctacctt gcatacattt agaatgacat cttatcacga tcttcacgac   180
ttgttttgta tttagatttc tgttatattt tgtacatgag aagcatttag cttagatagc   240
aatagcgtca atacgacata catctttcct tattaaaaaa aaaaa   285

<210> 2634
<211> 495
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 2634
tgaaactaga cgcgcagacg tgagggcatg tgagtctaga tccctgccga gctcttgaca   60
tcgctgaagc ttgccaactc aaccccggtc ctgtcaaccc ggctgaactc gctgaagcaa   120
ctcgtcgttc aagctcgaca actcggcaca ctgtgctatg aagatcgtgg ccaaggcaca   180
tgcttcaact tctctcccgg agaaaaaata ccgcctgtca acaccttact cttacgatcg   240
tacgactggc agcacacagc tgatgacgtc gcaaagcatt gggacttctc tgggatacaa   300
tcactcgaat tgatttcggt gcccattttc aattttctga agtcggtatg cctccganac   360
ttttcacagc tccatactct acatgcggag gattacagtg cccatctatc ggataagaaa   420
aaaaacccng cattgctttg aacgtnttga taangacaca tcaaggcctc gaaggtgtta   480
atattacttg tctac   495

<210> 2635
<211> 343
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 2635
ngggatgct tcccangtct ccgaagggag aagagcctac agctacngca nccgatgatg   60
atgacgacaa caaggcccca acggcagctg agggaacggc gactgcagat gctactgcta   120
ccgacgacna tgccacngct nctgcgaccg aaacngacga cgacgatgcg actgacacag   180
ctccctgacg ggcaccgaga gcgcagctcc cacaagcacc ggtgccgtng ttgaagtcga   240
tctccagaac gcgactatcg gcgaaaatgc ngaactgatt aaagtcnacg gaaagactgc   300
ntnaaactca gcgctccgcc nacgggcagg caacgtttta cgt   343

<210> 2636

<211> 492
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 2636
aaactccagc tacaaaccca ggggaatgga aattgaccat tatgaaggtc acaggcccgg   60
tggatattcg gcgttataat ttttttttttc gctcctgtct ttcctttgtg gcaagggctt   120
tttttcttca tgatatccca taagcaagtg ggtactacgg atcacaaggc ggcaccgggc   180
ggctacggac ggatcaggaa tggcaaaggc aaaggtatat ggggtcaatt gattttttnag   240
cgactacggc gactctacgg tattggcaaa gccatggaaa gaacggatca aagaanaaag   300
gaacaaggc acaaacggca aatggcgaca ggaccggatc ttcaaggcgt tattgnattt   360
cgttggacat aaaagggcag cggtnggatc acgacgtaca natgccggac cggactgaa   420
atnnagacat gttggaaaaa acccaacaca aaaaaccatg nttaagaaaa caataatact   480
ancgttttnc tc   492

<210> 2637
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 2637
gggtctttc atggggcaat ggaccggtga aatctcgatg acggatctat ccttccagtt   60
ctgtttgcta gatctggttt ccatcttctt gatctatggg gaaaccatta tcatgccaca   120
gggatttgat tgcgactttc catcttggtc tacggtcatg cttccaattt cacccaagct   180
tcgacggttg aacccccgcca acggcccggt tagcctttgg aaacccttaa ctacatccat   240
gacatgcata aacagaccac accaacagcc gaccctcatt taagccaacg aatcagtggg   300
caatatttac ttggcaatgc tacagtccgg tctcccgaac tggcgtcact cataggtgat   360
gctgaatcac atctcatagc tgtggcaaga ntgaggctct gcttcgaaag attggcgccc   420
acaacttcac cggattcggt gtctcagaac gttattcacc atactcgcca taagactttt   480
acttgtcggt ccctcagtgg tggaatgttt atccaagtag ggcagctgan caaagatctc   540
atactgcatt gactccctgt gcccgccatt gagcaagatc agaactatag aaggga   596

<210> 2638
<211> 381
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 2638
cttgcctttt cggagttcga tctcgatatt ttcaacgact cacgatcgct cgtagtcctg   60
cgatatcttg aaaagtctta ctccaacact cccaaaacgc atgccacggc atcacgcagg   120
naretcacat tgctgcgatg cttgaccat cacacaaaca cgcaacacac cacaaccccg   180
ccacaacact atattccccc cagtacggtt tttaagatgg atagatagag attcctaagg   240
acagaggttt nttgaggtga actgttcgag tttagcctcg aggcggatca gtggatggat   300
ggacggatgg ttagttagca tcataggaac atcagatcac atagcaccct ttnttaaaga   360
agtaaaagaa aaaaatttca t   381

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<210> 2639
<211> 455
<212> DNA
<213> Fusarium venenatum

<400> 2639
cggggttctt tccgtgtctc aggttttcat gagatcactt agtcaataac ccggtcatgt   60
cgcgacatga atacgtccgc cgagcgttac gaaaagtata ctccgctgta tcgtcagata   120
tcgggatacg tccctttttg gcgcttttac aagcatcacg ccgttgcaag tattgcatat   180
gacccattaa cgccacacgt tcgtcttgta tggagttctc aaggtcgcga cgaccatttt   240
gtatcagcac agtggatttg agttttgatt cgcttgcgat tgcaaattac aagacccgac   300
aaggtctaca ggttctgttt ggcgataccg gttttttgac aacttcattg cgtgatctgc   360
ttgcactggc tctgtttatt cattgctttc acataggctt tcaggccctg cagctatacc   420
ccccttcatg ttgtttcatt ttctctggcg tttcc   455

<210> 2640
<211> 676
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

<400> 2640
gctgttactg tttgtatcta gtgcacctct ctctataaat caatactcta acctatatca   60
gtatttcatc actgagtcaa ttcgtgttcg gcggtcaaca attccaacat caattggagc   120
ccctcgcgcc gctcggccag ttcttagatt gtccgtatcc tctgacccat cgggcacatt   180
ggtcacgacc gaccatatcg gcgaccgcac ttcctacgca ctgcatttat ccctcctcgc   240
gttttaactc atcgccactt tcttttctgt cggcttctcc ggcttctgtc ttgtttatta   300
aaccagaagt ccacatcggt gcgttgtctg tcacaattac acaccaactg tcatagtcag   360
gtctgcggag cctcaaccaa gcggcacatg tgacaaccac ttgacacctg cttcacacta   420
agctaccttc gcctcttgcc tgcgttttgc cgaattgctt gagctccacg atttgggtct   480
tcttgggtct caagaagttg tctcgttgtg cactccctgt caatcccaca cccttgaccg   540
gtgctcttca acgcctgtta cacgcccatc atcancacca agttgtgatg agcgctgttg   600
cacatcgncc ggccaaagtc accttgcagg tacattaaat gccgttacgt cgccccatna   660
tgagaaaccc gactgt   676

<210> 2641
<211> 463
<212> DNA
<213> Fusarium venenatum

<400> 2641
cttctcaaac accttaatta ccattcctac ataaatccct catccaatac aatggctacc   60
gtcatcattc agtaccccag cggtcacgac ttcgatctcg actactacct caagacacac   120
atgcctcttg ccgataagac atggaaggac aagggtctga agagcgctaa agttatcaag   180
ctgggtggtg acagccctta ccaaatctac accgtccttc gatgggagag cctggctgct   240
ctcaagctg ccgccactgc cgaggagcc aaggctgttc atgaggatgt gaagaactt   300
actacagcca aggccgacgt ccgcgttggc gagaccattg ctgagtctaa gctttgaatt   360
attgtcaatc ccaataccca atactgttga taccaattaa tatatcacaa ctccatatct   420
gactacaata ttatcccttt catcgtcaag aagttatatc ttc   463

<210> 2642
<211> 512
<212> DNA
<213> Fusarium venenatum

```
<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 2642
cttcgcgatc cagaggttgc tgcactggtc tccgaccctc gacggttggg cgaaacattg      60
ccgccgaatt cttgcttgaa tggagttgct ggaccagaat cgcgaaatga cgacgatgta     120
tccgaaaagc ccgatgagct agcagagcct cgtctcatac tgggaacatt gtttccctga     180
aagcctccca cgcccgtaga atcccgtcgg aatggtgatt ggggttggga gtcattttt      240
cctgacatgt tgcccgtgct cattcttctt ggcagctcgg tctgttacc gtacgaactg      300
agccgaacat tttgtctctt ttgctgagag gctctctcgt tcatctcgac ggtacctgtc      360
aacttcgact ggttataccc acttgacggt ctaccactgc agatactctg tgctcgcttg      420
tattgtttgt ggtaatcgtg caacgaaatg gtancgttgc tcattgaccg angnccaagg     480
gcgggtctca tgcctttggg taaatcnttt gc                                    512


<210> 2643
<211> 1013
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1013)
<223> n = A,T,C or G

<400> 2643
cacggttgtc tactgcgccg cggaccgata cggcctcgag gagctaaagc gtctggcctt      60
gcgcaagcag ggactgcaat ccggcatcga tgtcgggacc attattcggt cagctcagta     120
cgcctacgcc catacccccg actcagacag ccgtctgcgc gctcactacc tcgccctgat     180
catccgctgc cgcaaaacct ttaagcgcag cgggactatg caggccgaga tggaggcggg     240
cggcagcaag ctgttctttg acctgtttgt ggctatgtgc aatcacctcg acgacgtcat     300
tgatgtgagc aacgctcgca cgcccaagac tgtctgaggc gattcaagcc aagctcaaca     360
cacacatata cccactaagc aggcctccag atgcctcgtg tgtttgatca tagctggagg     420
acatgtacta aaaggaatat cgccaaagcc gcgaaaaaga acaaaaacca caaaaaaaa      480
gtgatgctta caagaacagt tggaattcgg cgttcggttg cttttcgtgc tccatcatca     540
gattgacgtc ctaaggagct ttgtttatt acatgactcc ccttctgcga ggttggccga      600
ccgagttttg atgatacacg agctgagagg atataatccg acgcctacga agtccttcac     660
atcctctgct catttattgt gcgttctact tgatcgcgag tttcctgtta tttgtcttgt     720
cattttacaa ctctgctttg ataccacaca cccaacagca ctgggacatt ttctttcctc     780
tacactctac tctggcgttt tgttatcatc caaaaaagac caggttgtct ttgattcaac     840
accagagttt tggaaggaga gattgggaag gattggaatc cttgactgnt tttccgcacc     900
cgtgagcaaa tgccccgaa attggcaata tgctgcattt gaccatcttg gaattttttt     960
taggaaaaa gaagaaaaaa aggntccctg gtttgggntg gttttttgg ctt            1013


<210> 2644
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2644
agaaaccaa ggtggtttca gaagcggcaa cgcaaaggac gtcgagatgc gcccaagagc      60
gaacatgccc atcgtgaaga cgctgaatag cctcagcgag aagatcatgg ccaatgtggc     120
accgtctgac gttaacacgg acgaccctga tggcggatac aatgcctacg ttcaactggc     180
attgcgtgat ctcaagggcg atgctcaaga gcatcgtatc atgctcaacg tgaatgaaca     240
```

```
gaacaagttc ttctcgaaac acgactcagc cccctcgaag caagctgcca tcttcgaaaa   300
acaagtaccc agcgatgtgc ttttcgatat tatggcaaga tctagataca ctcgagagtg   360
atggagctgg cggcatcaac atccaggcag caatgggatt cgacgaacaa agcgacagcg   420
acgacgacac ccctaaaaga ccacatgttg gttctcgctc tgccctcctg gctgctgata   480
aggncatcat gaagggaata cgccagcaac gtgtccagaa gtacgggcat gacacggnca   540
ctgctgagcc tatgggtcna ctgttgagan ttcccgcaag tgcagcctca ctcatgcgaa   600
caccantgag ttcttacacc aaattctggg acgc                               634
```

<210> 2645
<211> 552
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 2645
```
gacaactagt gtcatgagct tggaagtgtc tgacaaatat tcaccgacgt cgcggaattg    60
atagtcanaa accaccatga cagcgtcgca ncanaacaag ctatcggaat ccaatctcga   120
cccgatctca nacgatggca aagcttgagt tgaanacctn atgcatcaca daccggatgt   180
ccatacgtgc cttggccgcg tcttgccgag cctggacttc ctctancact tgcgccgnga   240
tgcgtgcatt acccgcgacc ttctccattc tganaatctg tgttttgatc caagcctttt   300
cgctagcgtc ttgctcttct acacccaaca tcaaaagagg ccatacatat tgatgggaag   360
tgtgtcatca gtatccaagg nggccacaat ntgccgagcg agctttcgga tttggtccaa   420
aacttntgac ccctnttttn ttaaaagcan gctnttgtag gccacccga nnaaaaagcc   480
ctttgctggc gtaataattt tgaaaagtnt tttccggaan gctngtgtga naaaaaaaag   540
ccaaggtgtt tc                                                      552
```

<210> 2646
<211> 597
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 2646
```
tttgactact actttccata agcttagctt agctgccaaa tataaaaaaa agaaagaaca    60
agaacatctt cctttgtccg cttgcgcatg atcccgagtc acctccgtac aacgatatat   120
cgctccsttc cgccacccca accaggtatt gcatcagaca catcgacctg atattcacag   130
gaaaccccaa agaatctcct ggagtttgat tctgctgctt ctgtgctctg atatttccat   240
ctacaacaac aaattactgt gcccctctct cctgactact gctacgtcga cactcccttt   300
taactcaacc atcttgatac caaagagaac cagccatgac attctctcag caagacatgc   360
actcacaaga tgagcttgct gctctcctgg ctcgcaactt gacctttaac ccgattcccg   420
agcctgcacc tgtgcctcan gaggcaccta aagcagaatt tgctgagcct atcatatacc   480
ctccgttcat tacacacact ctgcccatat tgcacaagcn gntcagcacc aggaaattnc   540
tcgtcgatct tcggganccn ccccgancc agcaccaagt gtngaancca tcctgat      597
```

<210> 2647
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
```

<223> n = A,T,C or G

<400> 2647
tgaaaacgag agggcgcgct gttattagac agcccccgag tgccgtgccg aagactcttg    60
cgacagagac gttgcaggaa tatcaagatt atcagacgta tggattcaat caggaactat   120
tccgcgggaa tcttggaaac tctagcaagg ccatcgtgtc aacaccttga gcaaacccag   180
ccaacggtat tgtatcatac aatagtacgc attgggctta aattagacag catgtgtgtg   240
caggtggatc aagagttttc ttgcgggcac atcggttttc taaacattcg ctggtgccaa   300
agagtttca acggatgcaa gggcccttcg cataagcacg acgtcgttta cacacaggac   360
atatgcccag attgnatcag gaaggatacc tttctaaacc attgggtccc aaaattaccg   420
aaagagttta agaggagaca agatnctggg aagcgccaaa gaagcatccc catggtcatg   480
attggagcta gattatggcg gctngaaanc atcgaanccg gtttntggaa acatacttgg   540
ttggaataan cctgncttga aaatgggtcc cgaacatntt tgttntgaaa accncttggc   600
tgnaantgt                                                           609


<210> 2648
<211> 222
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G

<400> 2648
ntccaatcaa gcgtnacatt ngggacgagn gcgtncgtga tctcatggac natgccgggn    60
ccccatcaga naancaaaac gacgatgaan ctgnggcgtt gacctacctg ttaagtcttg   120
acattgactt ggttgatact ggnactgaac cacanagagt natgagagca aaagcagtng   180
gtgngctatt caaggcaaaa gcaaggggag tctttggaca ga                      222


<210> 2649
<211> 389
<212> DNA
<213> Fusarium venenatum

<400> 2649
aggtgcactg gggaaattca aggttgattc agcaagtggc gatacgacca gtcacaaact    60
gctttttttaa acacaagcct gggaaaggct ttgatgacgt tgcggcctgt ggatagcttt   120
tattgcgttt tgtgtttctt tgttattttt tcactttcca cccggaagtc ttggccacga   180
gaagccaacc ccctcgttc acctttgcca tctgctttga tgggcaacag accatacaga   240
tgtgtgatgt atcaaggctc tgactttcca ctttcctttg ggctttgacg tcgtgtacag   300
catactaaga aatctgataa tgtcactggg gatgggaacc gataagcatt agcaacctag   360
aatgaagtca gtttgattac gtgacgtgc                                     389


<210> 2650
<211> 593
<212> DNA
<213> Fusarium venenatum

<400> 2650
caacaggcgc gactccttcg tagtggagtc gagtcgaccc aaccttggc taacacagtc    60
tcttttttac caccctaaca actttatctt tgaagtttag cttgtgcgag gtcccgcgcc   120
gggtccaggc tcggcgtacg aagcataagc agtgaccact atgatcatca cttagaaacc   180
aacgacaaag cggcattgcc gacttgcaat ggcaactcga ctttggttta ttggggcgat   240
cgtcccaaga acttgtctgg cgaacaaatg tgaagatatt gggcacctct ttgacgttgt   300
cgatgacctg gggatgtgat taccacgacg tttattctcg tgaggatccg tcttttgacc   360
cgtcgcgacc attgaagccc attattgttc aatcaacatc cagacaggaa ggctctaact   420
tatccccaac tttcccctcc cattttcaat agaccacttt tgttgaaatg ggcaaccacc   480
cgaactcttc cctttcgata ccccgactct ttttcgcagg ccactagtgc ttatgaagca   540

```
gccagtccgt cagcatccag cgtgtgcaat caaacaacct cacaatccac aac          593

<210> 2651
<211> 739
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

<400> 2651
tcgttttttaa actacaaagt caagactatt taatgtcgca cagttcccag atactcacgc    60
atctccacta caataccaac aaaacaaaaa tcatctcgca acaatgaaca caaaaacttt    120
cttcactgcc ctactcggct tggcatctac tgcctctgcc ttcgaattca cgggtcccaa    180
agcagaagag ctcgacttgt ccaaaaacat caccatcacc tggaaaacag gcaacgcatc    240
agagctgaag cgttggcccg agttcgatct tgagtggtat acaagacccg atgatctcca    300
tagcttcagc tgggacatca aacagagagt caatgtatct gatggcgaat acatattttc    360
gcctagcgac aatacccgct acactctcaa ccaatttgcc gacgctctcg cctccaataa    420
gagctttttca ttcgtagctg tcttcacaga cggtgataga aaggaccctg aaacagcgaa    480
ttatacgaat attggtagcc agaagtacaa ggttactggg ctcgacaaga caagtgctgg    540
anctgcggtg ggcacctatg tggggagctt tcatcggtgg acttgtggca gctggattta    600
tgactctgta aagacatggt attggaaccg aagtcggtcg gaagtgtctt atttatgttg    660
atgtcccgac atggtantca tgggggggnc tanggggttat atataaanga tacntgnccc    720
atattgncac ttctgagct                                                739

<210> 2652
<211> 331
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 2652
agtctctcag catcaacttt gacactcctg gctctatcgc ctctgtcaac acatctttct    60
ctagtcagcc tgacgactct ctgtctgcat ctctacttgc atctcctgcc aattttgcca    120
ctcacatctn tggctctccc cactcacgtc gtgcttccag tcttgatgcc accgcaatcg    180
accgctatgg ttacccaacc taccgtcaga agccctcgtt cgcctntgng gccccaagca    240
gnaatccgac tatggctttg cttcctaata gctacagccc tagagcccag ccccttaaag    300
gctaatggta ctgnggancc aattccaaaa a                                   331

<210> 2653
<211> 416
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 2653
ctctacctcc tatcttctct ggtgtaagag ccgggaaaag gttgattgac aagttcgatc    60
gcctatatcc attgnctatt ccctggccag attaaccatc gcccatcgct tagcgtacta    120
cgcattgtta gaacaaaaag aagagaattg cttagttcca aggcttcctc cgtttctccc    180
tcgctccctt gacgccatca tctttcacaa tgacgacaaa agatggccct aagctgccaa    240
```

```
agcaacagct ggcgattctg gccattgcca gaatcgccga gcctatggcc tacacatnag        300
tcttcccata ccttccaacc atggttangg agctttcggn gttccaaccn aataaaagtc        360
ggaagcttgg nnggggggtc anatcgggtg tttttttnt ttnaaaanca ataaca            416


<210> 2654
<211> 135
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 2654
ntcaangtca gngtgtcngg ngatgaaaat tcttnttaaa aacggaggca agcangccga         60
nctaaggaaa anngagtctg gttggatnng gaaaacanga aggggatttn gggataagga        120
aaaaagngna gcggg                                                        135


<210> 2655
<211> 422
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 2655
tcgtgaacaa cgagactctg ctcaatatca catcacgact ggttgacgtc cccctaacga         60
tcaccgatgg cgatgtattc agcgaagtta tgcaaaagct actatttggt ggcggtgata        120
tcacactcga catcaaggcc gaagtcgatg tcaaggttaa aactgtcctc ggcatcttga        180
cggtaaagaa agttcccgcc ganggcaaga ttccagtaaa cggtccgtca tcgctgtggt        240
aatctcttgc actccccacg aagacgaata atccttgttt acactttgaa atattttcat        300
aacacgcctc acanccgtat cganaattat tgctgactta acttaangat cccccggtta        360
cgcncctggg ttaacttaaa cctgaaggtc ggtganatca aantcctgga aacnacgaat        420
ca                                                                      422


<210> 2656
<211> 529
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(529)
<223> n = A,T,C or G

<400> 2656
ggaatcttcg tggtctcccg gatgtctgtt acccgtacct cggtctcggg gtactcaatt         60
actggctgtt tacttgcaga taaatgtttc caaattcaca tttcaggcat aattggatga        120
tgtgatctgg gtggcggcaa tgcattttcc gtgtctcaac gaatctacga tgcctcggtt        180
acctatctac attgtgctac tcgtgaggtc gtggataaat atcccaactt cccccatgat        240
attatcattt atctaaatcc agttttattc gacaacattc ccagttatca ctacgtcttc        300
aacatgtctg tacaaatccc ctcacatcaa cgcgcagcag tcgtcaagga tctggcccan        360
atgcaaaggc ttctgcaaga ccgtccccgt acctaaacca ggcagccaa attttcggtt        420
aagtaaattg gaccccggnct tgnggttaaa caatctcttn tcacgatgaa tggagtgatt        480
tcggcgtcan attgaaagga cntactgncg gatngcnggc acnaggaac               529
```

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<210> 2657
<211> 614
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 2657
gggcaaggca aaacaattta cgactctgaa cgggaagagt gtggtaatca aggatgcgtt   60
catatacagc aacaaaggct ttaaaacgct tgcgcaagca cagctcctta acgacattgt   120
tttctaccca gacgtctttg agccgcgaca atggctcctc tactacatct caagacctct   180
cgtgggtatt tgggaagaaa tcaagatcgt tcctgcggtc ctcgttcctg gcgtacggaa   240
gcgcaggatt cccgaccaga aacagatacc aaacgccgag tcgactgaaa ctgctgcgcc   300
tcggaagaag gatattagga gctttcacga cctcttgaat aactttccca tgatcgcgcg   360
ccaaatgcag cctgcctcga gaaactcttc atcgagttca acaatgtctt ncgaagccgt   420
tccttcttcg cctcagccga cacattcctg acccccggc gatgggccac caccaatgct   480
gcagacgagc ttcgncaaat agtnatcgcc acatgctgat gaagtagctt gccggtgacc   540
ganactttc nccgggncat gaaattnatg aggcgtcctt gaaccgtntc aagtgnnttg   600
actttcangg ngaa   614

<210> 2658
<211> 380
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 2658
caggaatttt tttttttttt tttttaggat aataattcat taattgatca cataacctcg   60
atctcttcat cctagcccta aactttgaag tcaaatcatg ctgcagcctt cttcttcttg   120
gccttcgcct tcttcttgct cctgtctctt ggcttcaggg ctgtcatgcc tgcccttgcc   180
gtttgttgcc ttgatgatga ggggtagcgg tttgcaggat tgatgtctgg tgatggttct   240
tcttctgagg gcttgggaat atcttgaccc gtangtgagt cgcttttggc tcangtagat   300
ggaccatggt cctacccttg cgatgattga agagncaccc acttgcgaaa aactatatgg   360
tnatatgtga gtcggcatgt   380

<210> 2659
<211> 576
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 2659
gtgaaactag cacaggcaga tctggcgaaa gtcaagcgag actcgtgtga gatctgtgac   60
gtctcaatgg acgaatgcca ccaagcttct caggacttca aaaagctcac gttcgatctc   120
tacaagggct tactggccat ccctatagga cgaaggatgt tctcccaaca tcgtcttgtg   180
gtgtttaact gggacggcat ccgttcagtc ggtnttcttc tggcagacgg aattagtaat   240
aagggtacg tcggaagatc caacactcca catatgcgcc atcaagtccc ttcgggaccg   300
acgcgatgcc accgaccagc ttccattcgt tcctgcattc cgaaaatact tccacgagct   360
ccgaagagc aagaagcggg tacagacaaa aaccccttcat gtcccgctga gcgacgtaga   420

```
atgccttaca agatgggtaa caaagggcat cgnccctgan attttccagg ggnggagatg      480
gctaccatca aacgaaggat cgcttgcaan aactatgtgg ctcatnggga tgataaatta      540
anaagagctg gacttgtttn gaattcaagc aatttc                                576


<210> 2660
<211> 503
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(503)
<223> n = A,T,C or G

<400> 2660
caggaatttt ttttttttt tttttcaga ccaagatctt cgagattttt tatttgagat        60
aatctacatc cttaaggacc acgcaatgc aagcctgtaa ggtacatgag ctgttgaggg       120
tggaacaact ctagagcgga atattctagc gcagattta tgctagaagc tgaatagaga       180
tattttttag aatcagttta accctcgaag gtgaagctgg caccgagctt gtgggtagcc      240
tggtcgagct tctgggctgc tgaacagagc cgaccgaggc tcagggtgtc taccctcaag      300
gaggaggccg gctgtaggca agggcaccaa tactgccgtc gtatcacaaa aacgtcttgg      360
tcaaagggag aaagattttt aagaccagcc gaccactgac gatagggccc gcgaaggcca      420
gtggtcacgg ccgcccacga cgtcgggga gatatgattt gcccgttcaa gagccgtgat       480
gaacgaggct gaanaaaggt tca                                              503


<210> 2661
<211> 286
<212> DNA
<213> Fusarium venenatum

<400> 2661
tgcagagaag gactgaacaa gtggagagaa agatatggaa catgcatgaa acattcccag        60
tttgcgacag tggaaaggtc ggtgctcttt gtcgcgaggg attagaggtt tgattcgcgg       120
gctgcagcag ggacggcgtg ctgctcccaa gagcatggat cacaaggcca atgcaggggg       180
atggattatc aagatcagga acttggatgc cgtcgtggcc gcgggtccta tccagtgtgt       240
cactagccgt cctaaccatg tgcaatagaa atgatgaatc tcttct                     286


<210> 2662
<211> 866
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(866)
<223> n = A,T,C or G

<400> 2662
tgaacaaccg cttccagagt tcatccgagg cgataacagg ctcgtcatca gcctcaggct        60
ttgaccagag ctggtaggag ccttcggtat cgatttccag ggtcttgcca gatcccagct       120
tgaatggctc gtcgagaacc gcgaagcac tctgcaggag tcgcggcagg gtgggactt        180
ctggacttg atggaagaag ttctggtaag agcaggtaca gacatgatat attcagaccc       240
tgcggtcacg ctccgattcc caagcatcgt caatggttgc ggcacaatag aacatttctg      300
cattgcctta gtcctggcgt ttttggtgca cgctggcggc atggcgata ctctcgaccg       360
cttagaaagg ctggtctacn acacgggggc gtttacattc tatgancatt tacatgancg       420
aagcatccgc cctttcngga cataaccatg gatgatcggg ctgccgcgtt tttttttcct       480
tccatatttt cttcaaatgt tttganatta aactggttgg tttggtcgtt tgttattac        540
tttttggag tttcacagct ggcgtatgg gaatcacgac aaggagcata ttttgtttta        600
tcaaggatca tgtacaaagg cgtttgaact cgggtatgct tggaagacag aactagcatg       660
agggcgtctc acgacaggag aatccntggt cagggttcaa gggttcaagg gtctcggcta       720
```

```
ggaagccggg atgaccacac attacactgc atcgattgtg cgaccgaang tcagtgtggt      780
agtattaagt atcatctcgt attttagcag aacatnacac aacgtttgag tcttgtnnaa      840
aaatcatngt ctcanacnca ttcttc                                          866


<210> 2663
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 2663
cttaaggagt gcttcaagtc cggagatgct tgtccgttgt tttcgatggc agactcttgg       60
caaggtctca agaagaagtt cgtctctttc gtcggcgatc tcaaggagca gccaatgaac      120
gtgtatgtca acaacagcgt gtacggccta ctagactatc aaaagatctg gtacggagcg      180
ctgttcccag tgctgtacaa gcctgagagg tggtacatgt cgccgagaa gatggaacag       240
cttctccgcg gtaacgcgac gccagctcta atggaatatg gacttgacgg tgaaggcaat      300
agtgacgcgc tctacactgt ttcgctgaat gatggactag cgggtcctga gcactggccg      360
caggatctgg actctcttct ggagattgtc acgcctacct ttaaccgcag cgtttttgcc      420
ccagacgatc tcgtttatct cttcgccaag cagcaatggc gcattcccaa agacacacaa      480
ctacgttcca cgtaacggtg tagagactgg ccatcctctc ctcatcttga caacatctta      540
cgaacctgtc tgtccctcgt ctcaactcga agcgcccttg ccgcgttcaa aagattccgc      600
cttgtcgagg tn                                                          612


<210> 2664
<211> 592
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = A,T,C or G

<400> 2664
ctagtatcta gtatctagta tctaactaca agacatctct ttccatttct tccttttctt       60
ccatttcttc cttctctcta actagacttt ctgcttctgt cttcagcctc tcagttcttg      120
cctcagttcc aggcaagcct cgcggatagt ccgagcaaca aataccagtc aaagattcga      180
ctacaaaact caaaactcca gtcggtgctg tcatttactg aaccactcta cggagaagac      240
cgctgtcaat agccaccccg ccaaagccaa ttcacaatca ccactcatca ttgaccattg      300
atcacctaca agtactattc ctattcagaa gtgtcaatct tgggaggcaa taagagactg      360
gagctcttga tctacaaaaa gaaagcttaa ggctattctc tactcaactc aactcaactc      420
tacaaagacc aacctctcat tcttttacca gcaacgacca agccggcact atgatgcgag      480
gcgagatccc tttcangcac cggcaggcat ttgctcagcg acgacttgcc aaagaaccca      540
aggtcttcaa cgcaagctgg aacaaatggc tctaccactg gcggcctttg gt              592


<210> 2665
<211> 119
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 2665
```

ngaggatatg ggtttgggcc caanggggat ggaattactn ttttnacccg ttttaaacct   60
ccttngtntt ggggattatc aaaggcttac ttcgaatacn caaacaaccc taatttcct   119

<210> 2666
<211> 226
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 2666
ngggtgctcc ttaccaagtt caagctacac ttgaatggga gagtgtcgag gtctttgaca   60
aggctgctgc naacgaggtt gccaaggaga tctttgggga catcaagaac ttttaccagg   120
gagagccatt gcttctcaag ggtcctgttg ttgctcatga aagcgtttcg tcttcgtaag   180
aacatacact aatcntgtgg ngaaattaat acatcgaatc tgactc   226

<210> 2667
<211> 393
<212> DNA
<213> Fusarium venenatum

<400> 2667
cgaaacaggt caagggtact ggcaatttac tgtcatcaac cctggccgag ctatgctcaa   60
tgttcgtgat gctcgtcacc cggagcgtca tttgacaatc ccccttattg ataatgtcga   120
gtggagacta agtgacgtct ctgttgattc cttggaaaca gatggtatcc aagccttcga   180
ctttgtgtcg ttcttggaag ccgtcgagac aaggtggggt gctgagtggg ctgggtgggt   240
ggaagaaggt gcctttatga cgaggtggca tgtgcaagat aacagcaagc gatggagata   300
tgagagaaat ccaaaggcaa agaaagaaaa ggccagtaat tagatcaaat ttttattcaa   360
atagcgtgtc aattaaacat gttaaagttc ata   393

<210> 2668
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 2668
ggaacttcct ctgaccctcg gctctactac ctattcagct cgccgccgcc gtcggttgca   60
gacaatatta tgctatccca ccgggaaaag gcagcaaccc cgcaaagcgc tgtggctcgt   120
ggcatgggtg cacaatacgg catcggtccc gccgttcagg aacgtctcac tcctttttgtt   180
ctccgtcgct gggaggtgct tagtgagcca actcccaatg tcggcgagaa tgatacaagt   240
cttagcttgg gtctctttga agctatcaag cttcaataag attgtcaaga aggcacctta   300
ctactattat caccttatta ttgatgccaa gatcccttgg cacaccactt tacatcgtgg   360
atactatacg aactattcct tacaccatca tacttctaac tctgtctgag ttctttttctt   420
taaatctcat ggctataccc ctgttacgga actcangctg tttgcatcag cgataatgtg   480
cactgcaaga cggatctttc tttttatcaa tgttcaatcn ggttacacan ggcatcgtac   540
aacnaatggt ctctttgttc tcctttgttt tcggtatttg gggcagttta ttatcn   596

<210> 2669
<211> 924
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(924)
<223> n = A,T,C or G

<400> 2669
ctctccctca agccaaaatt ttgttgcaca cgctcttcta ctaaattcct tgaaactttt   60
ctcggcctca gagtgaggcc ggctctcaac tctgcaacaa tgttgttcac aatgtgccaa   120
gcattatggt tcgcccgccc tgtccctgtc tgccccgtgg ctggcagatt ccacctggca   180
atgggccttg gataaccctt tctcaatgcc cgcggagaca catgaaaata cccgtggagg   240
atgtctcgcg ggctcagaag gggaatcagg aatgggaggg attttgcagg catcatttct   300
tgtcaatctg tcacccaagc tcacagatga tgccgcatcg tatcccccaa tatggaatcc   360
cgccgctttt gtcgaaggga gtcaggatat acaaacaatt tctcattctg atcagcctaa   420
tgagtcattt tgcccgagtt tagtgcctaa cgtcctccct tccgtctcac ctctcgtcga   480
acagggcctg tcttttgacg gtttcacctc caatttaaat cctagagaac ctacacccac   540
ttcatcttcg tcaaagccct caaaatctgc aaaactcctc gaaagccatg taagaaaacc   600
cgatgaaaca tcaagagcgc ttattcacaa aagtcaaccg taacacggtt gcggcaagga   660
aatatcgtca gaaagaagat ggaccgaatt gcggaattgg agcaggcttt ggaaagcggt   720
taaagaggaa aagaatgatt tggagttaca gcttgcgaag aaggatgccc gaagttaatt   780
ttttgagggg aatgctgaga aagtagtgta tttaagggta agccagccct gagattcaag   840
angaaacaaa gccatgacta aaggtcgatg gaatattcta gtattcgtac actaatttga   900
gaaaactttg agttttggaa aaaa   924

<210> 2670
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 2670
cagtcaccag tgaatcaatc ctcgcaatcg cgtcgacgtc tctcgctact cttccatttc   60
catcagctcg cgactccttt ttgncggatt cgattttcgc atacgcctta tctatcaagt   120
caacaactca tttccggggc agcacccgcg tgagctgctg tgccttaatt tggacatacn   180
accgccccga attaaatcgc cgcgtcgcta tcgcatctga ctgaaagtct cttgttctca   240
tcaaccatcg tccgtcgaac gttatcgacg agcgttttca tttcttcttc gacttatctc   300
gccgtgactc cggggccgga gtctcttcca tgtctgtcat gactactcga ttggactctc   360
gcaaatcgct tctaggggcg gacaacggct acggatacgg ccactcgtac aacaactnat   420
atgacaacag ctatgcccca tctnctgttc catcgccgna gcccatccct naacctccgn   480
attccaggcc gcggtgacca acatacaacc aaggtttccc taccgggaag gactcacttc   540
tcntgttcct ncaaaaagta tgaaaaacng caagatccat ttcatgaana ccgatggccg   600
gcttgcttca tggntgttct ctca   624

<210> 2671
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 2671
caaacacaat ttagctggct ctttgcacac cgaacacggg aaggacttgt aaatcgattt   60
tggagatatt aatcgcaaca gaanggtggc cactttctgc agctattttc atcctttgtg   120
tttgcnacac ccggcctgtg tgcccaggat acaagctaca acatcaccaa atacgatntt   180

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tntttgcgaa ctttcaagta tcgaccgatc gaacttccca ccatggcgcc agaaacaccg    240
agagcagtct cttcgagatt gctcaccatg aaattcatgc aacgagccgt ggcctcggan    300
aactcatctc ccgcttcaga aacacattca tccaagaaga gaaaaacgga tcactcgtca    360
ccggcgggtc gcctcgatct gaacatcgat caggctgcga ttcangccgc gctagatgcc    420
caanaaacaa aacgtcaaga ggctctggan aaacatgtcg ggctgataca cgttgggtgc    480
tgaataactc attcgctggg ncaaaagcta ccaccaagca aaaacaccca tgaatgtcgt    540
ttatgtgggt atggggacat tgctnttcta acgattcagg cgacaatgaa aatgcgtttg    600
actgggggc gtcctngana aata                                           624


<210> 2672
<211> 178
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)..(178)
<223> n = A,T,C or G


<400> 2672
ntttattctt ggataggctg nactgaagaa tgganatctt gatgangaat caanatatcg     60
gacgtcnnag ttttcnaagt caatnccgnt gtacggaatt gagataccac ttaatatgag    120
gatatgtcgt cgagcggant cctaaacagg aggttccgac nataccaaca tgaggcct     178


<210> 2673
<211> 593
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G


<400> 2673
gatccttcct cacctatcaa cgacacttta cttcatcatt caagcactca ttaggcgcca     60
catcaaccaa cctcaggcgc tactgctcat caatctgcag acctcaaaag ggtctgatga    120
ccacgcgcat cagacaatca agagagaaaa gaccaaacaa aaagagagaa caaaaaccac    180
atcaggcacg ggagggagtc ttgctattat tactttatt actggcgtgc ttttatattt    240
tctattcaac ctgggcggga catgcatgga aggaaatacg ggaaaccggg gcattcaatg    300
ggaaaggaat atcatttggg atggaaaggg aaacggcaaa caaaccacac ttttttttt    360
tccttttct tttctttttc tactatacat cacctactct actatctctg tactcgggca    420
tcggggcgt ttattttacc atcagtcttt tcttcatcgc gcaggagga caatggttgn    480
actacaactt gggacacaat cagacacagg actattaccc caaagattgg aaaggatagg    540
ttgcatattg tttggcgcca agggaatgaa atacaagatc aatttggccg gtt          593


<210> 2674
<211> 589
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G


<400> 2674
caacgcagtg tcaagttcac aaacaagaaa gatgtttagt catttctccg agataatagc     60
ctcacacatg gttgtcctcg actcaaacag caatggatac agggatgtca tcctaccact    120
agcataccac gacgacaacc tcgcacaagc tgtgtctgtc gtgtcagcgt ttcacctcgg    180
```

```
tcagaaagac cctaggttac aacacgtcgc cgaaacaggc catcaagcaa tcgtccagaa   240
actacggcgt gattctctac aactcagccc ggagcagctt ttcaatccgt atatcctggc   300
cactatcttg gtacttcttg ttggggagac gatcacaggg agcggataat tacacatatc   360
ttctcgagat gtngaattgt ctcacgtcgt atccgggatt ggataacaat gctgccgccg   420
agtttgaaag acttctttct tcagcaaatc aagatgtttc aactctttgg tgttccgcta   480
gccaacgaat ccaaaggtct acaagtactc accggcccag aagcatacct agacttcatg   540
ttcctatccc gaactccccc cagactcaga gcacttaccc aatattgaa             589
```

<210> 2675
<211> 232
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 2675
```
ntttacngan ctcatccnaa atgnagagtg gtggtggtac tggnnataat ggcctcaggg    60
naaatnaacc cttgctatan tttgttgtgg aaaggntatn aattgatagn aggattccaa   120
ancctncagt angtcnatga tgccatacac gcgananaaa aaaactatgt ctaggtcngg   180
aaggantnga agaggnccgn agganacctt gtcccatgtc actaaagcca tg           232
```

<210> 2676
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 2676
```
ctccaatctt ggtactctcg tctgccaagc ttgtggtcgt cgtgtaggcg aacagcccgt    60
gggaacttca ccttgcctcg ctatctgcgg caaatacgtc tcgcgcgtca ctggcaccgt   120
cgtcagcggt gaatgcggcg tctgcagcga agcaaaggag cacaggaccc aactcaccac   180
gaggctcaac cgtgctttta gcaagtgacg cattgcggca ttatcccaat tcattagacc   240
ataccctccc aagccatcta tctgcaaggt atctcacttt gctacgacat acaatgcaag   300
ggtgacatca aggctctatg aactagaatt gaggtaaatg gtctggcttg ggacgcggct   360
tccacgatat ttatatccgt tcgaaagccg acactcatac aaagagacca taccgcacac   420
tagttttttc ttatctggtt ccctttcacg ctttacgact catgctctta cgatatgcac   480
ggcggcgttc atggcatatg cttactttgg ccttttggtt tgcaactttg gatggagtat   540
ggagganaag tctgcgaacc caacngtggg aacaagtgta caacactggc tcacaatttt   600
taaaattttc tttacnatac                                              620
```

<210> 2677
<211> 187
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 2677
```
ccagcaaaac cgagtagctc gacgggcccc aattgatgct gtttaagaga cgagtggctn    60
tttcaataat gggactcccn tttggacccc ccccaacaaa tncnttcgct acaacagntg   120
```

```
gacatatccc gncagcaacg ggccatatcc cacctttatg gctttgacaa ctccatcctc    180
ccatcat                                                               187


<210> 2678
<211> 115
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 2678
ngacattnan gaaatgcgtn ntttgtctct tccattgaca angnggattc cgangnggcg     60
aagnaaatta aattctgngc cgttctgcnn tccgtcgaga gngcctanat agccc         115


<210> 2679
<211> 267
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 2679
nnacatcccg ctgcaccttt tcgcctgtag ngtctntgtt gatctcggca gcctttatgc     60
cgccagccgn gagccacaan aagtgatttg tcttgaactg gtcgatctgg ttaaanaaca    120
tgtggaacga gttgccttct cctccacact aaanattcgg gngtanatct gcttgtcctt    180
gaaagcctgg atcttgtcat catacttggc aaagacaatt ccgtcctttc caagagactc    240
ggaacctttc ggtgnagttg gggaaaa                                        267


<210> 2680
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 2680
aaaggaacaa gcgacgctcc caggtaatga gtgctatgtt ggatggcggc agaaaatcac     60
aggttctgga tgctcctgtt ccagagcggg atacaactag agactcctgg ctgcccgatc    120
ctcttgctgg ccaccgagca tcattcattg ccctgacatc tgatgagctc agggaactag    180
gtcaacagcc agatccagct cgttctttgc attcggatca ggatgtcgcc cctgttgtgc    240
aacctgaagc cactgccgat tcgtcagttg agacactgag gcgtcctcaa aagctgtctc    300
ggaaggaaca agacgacgga aagtcgagaa tgtcaaattt gccaccgcaa ctgaggagca    360
gtgctttctt tgatctccct gacaacacgc agccggatat cgaagtcaag gacggatcgg    420
cgatggccac tctggaaagt atcctggacc ttccgccaat gcccctgtca gtgcattcac    480
cgatcatgaa cgtgccggca ggctcggaaa anaagtctac ggcaaanaaa aaaaacgcac    540
gtcggttgct gcgtctaccg ctcttcaacc tgagcctgac aagaaacatg                590


<210> 2681
<211> 434
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 2681
ccaatgagca aatctccagc gctggtctgg ctattggtga ctcttggaac agtgttattg   60
agcaaatcag tggccaggtc tatggcgagc caacacaaat tgcctggtac gancacgtct   120
ggggtgatgc tggttcctac gcttccaagg ctaccgacgc tgcttctgat aaggcttctc   180
ttgcctctga agcagctgcg gcatcagcca tcaccgcctc cgccgaggcc atgaagcagt   240
acgaagcagt aagcggtctt gtctctgagc tcatcagtgg caaggacctt ctttcactga   300
cagcgttctg tctcgattcc aagcagctta cgctaccgcc gctgccaatg ccgaaagcct   360
caggaccaag ccaacgaaac tgcctcatct gttggcgaac gggttngcag cgcaactacg   420
gtgctaccga agcc   434

<210> 2682
<211> 565
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 2682
caaatatgtg agtagttttc tcattaggtc aatgccgtcc ggctcatatt ctatggaaac   60
ccctcgcccc gaatatttta caagccatgt ccctctccac ctttcaaaaa gacatattca   120
atatacaacg cccaacgaat aaaatgatcg accatcactc agccgaagga caatcaaaga   180
gaagaagcaa cagcttcttt tatggcttga cagaccataa gtctcgggac caacccaact   240
cttgtacctt cttgctactg gtaccagtca ctcttctctc accagtagtg ctaatagcca   300
gtgccttgct gcacgccgca aatacctcca ccaattcctt cattcgtcta gcttccacga   360
atgctgtgga gagatccgag tcacgctctg caataatgga ggcgagctcc atgcattcca   420
aaagggtgtc cctagacaag ccagtacctg cgaagtgcag cgtacccgat gtatgccaga   480
actgtctcgg agagatacgc ctggcgaaga tctcgtagtt cttgatcgcc ttnctcaatg   540
cccactaaaa gccagccctt tgagc   565

<210> 2683
<211> 556
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

<400> 2683
nctccagaca taaccagttt accgaaggaa attcaacaaa attatcaaag ctcaccacaa   60
tgataactgg actagagcct tagcacttan tcccgacacc cttcgccgtt cgtaacccac   120
tatgaggatc tattttggga aaacacgacc aagctggacn acgttgaccg tgagataatt   180
gnagtcgtaa gtcagccatg ccaacggtgc ggttttgtn aaacacatna cacgcatggt   240
ctntcggttg cgctaggcaa aggataccgc ggcaaaggtg aaaagccaag aagattgcac   300
tggattggca ccttcgtggc gagacttgag cgataaagca caagactttt ggcggcattt   360
tggaacttc tggctttcaa gcccagggaa gtaggaagg cagcagttga atgaattaaa   420
ggatgtcgga tacgaggagg aacangattn gtggagatta tagaggnagc tggggtggtt   480
gcacatncga ataggctcat gatccgtcag gtggttgaga tnagatgata agantctcng   540
aattagaaga gtgtca   556

<210> 2684
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 2684
```
gcttctgata gttgattctg gcttgaaaca ccaccaacct ggacgcagct ggtaacgtca      60
agtctttgag gtaataatct gagcctactg cagcaacatg tttcttcgat tcggatcctc     120
cagtgtcgtg gccgcctcgt aaggctcttc ttatccgcta tctgctggat gatcctgacc     180
atcctgacca caagacccca acatatacaa cgtcgatgtt gaacatacca ttcaagccaa     240
atactggaac acatgaaata agagcgcccg gttcttacct tttggtcact atccagctcc     300
ctgaagttag ggctgcatgg gcaatgtttg tatgaacatt ggcttatatg tcatcttcgt     360
atggctacaa tgtctccttg gccaagatga cccgagctgc catttgtttg ccaattttct     420
ctctgaggac aggtgtttgt tcttgggaat tgcctctgtt caacccacca acgactggta     480
taggcatgtc tgtcaatatg agcccgatc ttattcgtca ccaggaattc tttaccagtn     540
caatcccgca ccatggaggn tgatctgaac atatgctttt tcgaatccca atgcttaacc     600
ctntcgctt                                                            609
```

<210> 2685
<211> 665
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 2685
```
gacgcatcta tgttccggta cggcatcaga tgggctggtt gatgtggctt cgtctcggaa      60
cttgggagaa gactccagaa ggaagactag cacaactgaa aaagataaag gacgggttca     120
aaaatgcgtg gatgacggcc acagctacag accctgaatc cgctgctgga tatcgtgctc     180
gattctcatc cgctaatctg ggtttccctt tactggtggt tccaaatcct gaaaacctta     240
tccgtcgatt aaattggcag acgggccagg tgtacacact ctttcagagc cttgttgaca     300
aaatcaacaa tgaaacgtct caagatcccg cagggatgga agtcatgaaa acacgtccag     360
ggcgggatga tactcgctac gtcgagatgg gagagaatcc atttggcctg ttcaccactt     420
acatttcatg tgaagacttc aacaagtaca tgaaaagcct tgaagtcctg aggggatatg     480
aagatcagag tcttacgang cangacgcgc accgngctat tnaaacngcc cccagccagg     540
naatgctacc ttgctgaact tgacccancc atggagcccg tttattntgn agggcnaaaa     600
aanttacccc caggnccaaa cggcctttt tgtgtntttg gaaaaatngg aaacccaaaa     660
aggga                                                                665
```

<210> 2686
<211> 400
<212> DNA
<213> Fusarium venenatum

<400> 2686
```
ttgttcagca tcttccgtaa gatgtctatc gttgtctaca aggatgatgg tgagcaggac      60
cgtctctact cgatcccga gctcttccga gatgaagcat ctgagccccg cgactcgatg     120
tttctgaag tttaatgatc tannacnaaa gggaaacata aagaggaca aggactcatt     180
actgttttcc aacctgcttc gggcaatggc aaagcccacc gtaaaggcca gaaggcagga     240
taaatctaag cacaactgat ctgagtatgg ttttgagaac ttcactatcc ttgggaatga     300
ttatagtgca gtgtataaga agcttaagct tggcggtcat ccggaccccc tgagatagct     360
atttgatata gctaacatga gataagaatc gaaacctgaa                          400
```

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<210> 2687
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 2687
```
gagctgtctc gctcttggtt cctaatctct tgtccgctct gtctctgtcc tcgcaataat      60
ggccgaaacc gcaacttctc ctgcccctgc ggcagaaaac aagcaggctc atgtccgtcc     120
tactaaacct gacgaggaga tctttaagaa ggagctcgca aaggctgaga aggagcacaa     180
ggcttcaatg gaccgcctgg ctgctgtgaa agctaagatt gatattgcta tgcccaacaa     240
gaacaaggac cagcccaacc ctaccnagca acgacgacaa gagctcattg ctcaggccaa     300
cgagattcga cagaagcagg ccggcggaaa gaacgcccgc actggaaagc tcgatcagat     360
caagcgcctt gatgagcagg tccgaagccg aattgccgag cagaagacag caaagccaag     420
gttccctaca agagccttga ggatgtcgac cgccagattg cactcttgac aagcaggtca     480
actccggtnc atgaacttnc gacgagaaga aggcccttca gacatctnta gcctccgaag     540
atcgcaagac ttnggcagtc aggatctnga agcagatgat gacctccggc cagacaagng     600
ataaggatgc atggcnancc gacacgtgcc ttttn                                635
```

<210> 2688
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2688
```
cgcatgtgtt gatcccgtgg gttgatcaac gtgtcgggca cgtgtccttt atgtcgttat      60
gatttacgac caggcaaggg cgctgcgcct gaagaagggg ctgctgacga ttccagttca     120
ttgccaccac ccttggtgtt ggaagagggt gcaaanaatg atgcacctca gtcatcgcat     180
cgtaaccgac tatctcgctt atttgatatc aaccgccttc gagangggac cgtggaagaa     240
caaatggatg cgttgaggcg catgcggacg gtagctaatg agaatgatca ccaagaaagg     300
gcangcgtgg ctgaagccgc tgatggagat tcccgaggcc aaagtgcacg atttgcggca     360
aggctgaggg ataagtttcg aattcncact cnagcacaag ccatggagaa cgaanatgac     420
cacgcggaca ctaggagcc cgaatgaagg ctnatggcgc anattgcgct gggagatcta     480
tatcactggc gatcgctttt aaggctgaga ccgcagatcg gctgatcgaa gcttcaaatg     540
atganggglg catntactca agtttncttt gccaaccgtg ggatggaaga taaaatgttc     600
caacctcgcc tttggaattg angaatgatg ggnt                                 634
```

<210> 2689
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 2689
```
cgccaaaagc ggacacacaa tgacaaagga taaactcaaa gtcaactaat ccacctggcg      60
agaggtaaat aagggcctca gtctcaaacn aanaaattca tgggctggat gatgctaaac     120
```

```
gatcatgata cactctcaag tctgaagcac aaataacata atgacttctc ccaccaaaaa    180
agccgctcan ccccagcacg ctgcaacctc tgacccgtgg aactcatctt caaccggcca    240
tcaacggtcc gagtcacgtc ctggcactgg ctggcgtgag tcccgcaacc ggaagctcaa    300
cagccagttt cgcagcggtt catcaggcgg ngaacgtctc agtgacacat atggcgctgg    360
gtcggaggac tatggtgagg agcgcaaggt gcttgtccca aaggtagaaa aagagagagc    420
gcagcggagc gtgaggnata tgcttgtccc gccgggcaac atgcgggaag agtttgggct    480
tgaaggatgt tattcaggga cgaggtgagg aggctctcat ggaagcaaga cggaaggaag    540
acnaagcgcg ggangcagng cttccaaana aggcatnttt gacggagctt gtc           593
```

<210> 2690
<211> 377
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

<400> 2690
```
gcaggagcag cagtgttgcc agcaacctca ggggcagggg cgacaaagta gtcagccatc     60
tctgaatcga gttcctcttg agtcttcttt gcaggacgac tgctacgacc gcggcgcttc    120
ttgttggcag cgcccttcgc ggctcccttg gcggcaccgg cggtgtgctt gtcagcagca    180
gcggacttgg gttgagcctt ggcctgggac ttgggctgac tattgcgttg ttagaggtat    240
tcgcgtatga agatacaata acttacgaag tacgctcagc gagggtcttg gcagcaggaa    300
tgactttgtc agcctgagca gccccgacga cgatctcaat ctagttctgt tagctatcga    360
aaagttcaga cgccnan                                                    377
```

<210> 2691
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 2691
```
actcaagatt ccacatgctc ttcgccaaca acccatctng gtaaccctng atggcaaaaa     60
catattttta tcttccgcac tcttgtctta cttattcatt ttcttgacgc ataccatgcc    120
caagctctcg tcgctctcgt tcccgttgtc ttactgattc ataacgatta tgtgaacttc    180
ctcaacttag gccctggtgg tacaccttca acctttgctg gctaccttcg tatatcatgg    240
tttcgcattn gggctctcag aaacccatac gatgcaccag aacctgatcc tctgcgcctc    300
ccaacgtnag gcatcctccg ccgcaacgac tcccataccg cgcaggtcca cgccctactg    360
ttgntggaat cgctcctcaa cgacaactcg accagnatgg atctccgaat gctatcgatc    420
tgtccgatgg ccatggcaaa gctggcaagt cataacccaa aaaagttccg cactganaag    480
ncctgcgttg aaaaacatgg cttaacattg gtcgctanac attctgtaca aacaagctgg    540
gagggngaga tctgcccatt natgaatnaa acactntntg ccatgtgtct gccctgatg     600
atatcaaaaa gggctaaaaa                                                 620
```

<210> 2692
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 2692

```
aagagacgac attagactca gtactgatac tcacaatcaa ctccgcgaaa gaagcacata      60
ttcaactgaa actcatcatg gctgaagcct aacaagttaa tctcgccttc accacctagc     120
gaaanagccg ggtactctgc ttgtggaaaa ccgaacgtct tatcgtacga cgataccatc     180
tctcagatgc acatgtacta gcgagtgcgg ccaacaataa agccattgct gccaacttac     240
gcaacacatt cccatcaccg tatactctcg aaaatgctca gaactttctt gtcaacatgg     300
cctgcaagcc tgacggaaca tcttatccgt accacaacgg catctttctc aaacccaaca     360
cagccgaaaa cccatcgacg gagcccctct tcatcggcgc tataggcgca atgcccaaaa     420
acgatatgta cttccgtacg tggganatan gctactggct ggctgaaccg gcttggggca     480
aaggctatat gccagaagct gcaaaggcat tcatacggtg gtgctttcag acntggccga     540
cttgaacaga attgaagcag tggtcaaaag ctcaaatgct gcggggtct               589
```

<210> 2693
<211> 133
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 2693

```
naatgnctct tnttanaaca anaattttgn gaagttnttg nttttccgng aggccaagng      60
ggctncactt gntacggatt tttcaatggn ggaaacaang ncttgtttgt gttanggaaa     120
aaagnaggct ttt                                                        133
```

<210> 2694
<211> 105
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 2694

```
nccnacgaca agccctacct tcactctctt atggaaaang tggctcgtnt ncatcgcctt      60
tatgatcnag ctcgactcca tcgctgtttc tcgaaagcnc taaat                     105
```

<210> 2695
<211> 363
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 2695

```
cgcggatctt tgcgatgagc tgtataactc tgatgtttac gattctacca cgaaaacact      60
ccatgcggag cttttggcaa agttggtgga tctttgcgtt gtgttgacag acgttttgtc     120
ggttgtttct gttctttaca ataatccgtc atggatgctt tcgggaagga tggaggtggc     180
taaggatgcg agtctgtgtc agattgagtt gaagaggtgg tataacgcgt ggaccgagac     240
taaagcaact cttgaggaga gaatgacgga agatgggtca canaccgagt ctattattct     300
gtcaagaatc tcatcgagat gtattatcac tctgctcggt tatcggtctg ccactacaat     360
atc                                                                   363
```

<210> 2696
<211> 512
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 2696
nggaatnggc ttcttgactt tcctctccca gatccaaaat aagacaatat attnccctgt   60
ctttgaatct ctcgattcat tncccgcccc atnaaaatng gcccctcgg ctcttctttg   120
cctccagtat aaaacttttt ttcctccttt gcgcctggct nggatacac atacttcctt   180
caacctataa ctaaccgcct tcctgcaaaa ctgcaggcat attccaattc ctacatcttg   240
atcaaacatc atcagcaaaa tagtttctta gctaaaggct caccacgtct tttgtcacaa   300
tggttcacag gcatcacgag tctgcggtgc cggcagtgat ccctgttccg cacggtcctg   360
tggacagcga ctntgancaa atctcaaacg ancccattgc ttatgctact gntnaagaac   420
cccccatntt cagccatgga acacgtncan atgattccta cnccggagga tggggtttac   480
tggggccnac cttgctttgg caaaagcgct nt   512

<210> 2697
<211> 571
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

<400> 2697
gtcatcatca acgaagaaga tcgacacaag ttttgggaca ctactcctac cggcaaccag   60
atcatggtca gccatacctc gatcatggac acccttgaca agatcgtcta cggccccaac   120
ccaatttctc ccaagtacac cattanctct ttcgccaagt ttttctttga catcaagatg   180
aactttgtcg accacccatt cttgtccatn gcctttgtct ttgctgtngg ttttggcctc   240
tactctnggt tccgtaaccg cactcgacga tctcgcggac tttcttccgg gacgataaca   300
tgggtctcaa ggatggactc ctggggtcan aatagcaacg ccaagtccga ttaaaagaat   360
cgattcttgt aagagcggag tcgngtcact cactactaaa aagatcaact nttaangggg   420
tttctgggga cnggtcgcat tangatgttt nggcaagtgt tgttgaattg cggagttctg   480
gttngataac tattgctttg aaattggtgg ccnttgtata gtaaacaag ttacagngag   540
aatgtanttg catttgngng gaaaaaaaa a   571

<210> 2698
<211> 611
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 2698
tgaaaagatc aacgatattc gtgtccgata tttcgaacat atggagaaca gagcaggcac   60
ctccaagccc aaggaagatg aagtagatga acttgcagag ttgtcccagt ccattttcag   120
cgtgagcaat gtgcggcgca cacccaaaa caatgcgttc ccaacaatgg aaagcacaag   180
atcgcaagtc ccgtctcatc ctgcacaccc actgaatcga ccccgccgaa caaacagtgc   240
tggttctcgt cactcagtca acagtctgcc tcggagtggg cgcacccatc gtgcttcatg   300

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```
gagttcaaag gactttgcag agtgggatgc tgatatgaat agaggcgaca cctcccgaat      360
tagtcgcatg cgaagcagct ccctgcgctt gcaagcatcc aaatactctg taaagtcggc      420
cgccaatgac accgactcga gaatctgcag agtttcctcg catgagtacg aatactgngg      480
ataaggaccc gattgtccaa aacaaaatcg angagagtgt nctcttccaa aaagaaggaa      540
naaaccgtaa nctgggcaaa ccaaactnga tntgcgaaaa gcccttccaa aangctttna      600
aaaatgacca a                                                           611
```

<210> 2699
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 2699
```
cgcaggaatt tttttttttt tttttttttt ttngcgtgtc tcatgcggat agatgtgttg       60
tgaagggttt gctgagacta tgaatgcatt aaaaaacgaa cccaaaggaa ttgatcaagt      120
gtctggtaga gttgagtgcc gctttttttc gcgctgtgct gcgaccgccc caagcatatg      180
tcgtcgtcgt cgtcgtcgtc gtcgtcctta tctccccccca ccaccacggg attgccatac      240
tgtctgtctc atgaccaata ctcttggctc cgagattagc ctcaccgaat gcatcaagtc      300
gctgtcacga acaatcctcg ctctgcctca aggtctccta gtgttcctcc tcctgcangg      360
tcttggcagc aatatgtatg accagcaaat actgatcatg ctgcgtanac ggctctctct      420
aataaagcgc tcgaacaatt tgtatctcga gcttattcaa ctttcttgaa anctggggat      480
ggggtagggg gctcattaag cgantcngtc tcctcaggga acnggggggaa gggtgctttc      540
tggcttggaa ncaccaaaat tcttctcgaa atcc                                  574
```

<210> 2700
<211> 777
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

<400> 2700
```
tttggtaggt aggaagagct tttaaaccaa acactgctat ttctttctga tgaggcttat       60
tccaataaag acagtgtttc acgatcaaag ggacctatag taacaagaaa cacgcagata      120
tcgatactca taccctcttc acaataataa ccgcgattgc aaatctttct gccaggcttg      180
acaaatccag tgaccctgca ttctcttcgg ctgcctctcg cagcttattc atcaaaatcc      210
taacaatgtc gtctttcgtt ccaatcaact caggattggc ttgttgccaa cgattgaccg      300
cccaaaacta ttgactagtt tgtcgaacct ttgaagtgcc tcgtctagtg gaatatcact      360
aggtttactg ccatcatgta ggtcttaaga aaatcccatn cttggcactg agttcgtggc      420
gggtagacca ttgacnggca tacaatgaaa caatggccgg gtcgtccaag catgacgagg      480
tggcatattc gcgngcgtaa gttgctgcct ntgagtggac cgagcaagca cattttntttt      540
aagttttaat aaqaaccgta ctttgtgccc aacgtntcgg atttctgaaa ctggcatatg      600
gnacggnccc ccggtttaan aacttggcag tgnttccaaa atttgnattt aaacaatgaa      660
cccaanggct gtggataaat ccncnaaaaa gatcaaacat natnttgaaa ttttaacata      720
ccatntttnt acaattgana nccggtttgg agacccccaa ttggttaacc ttttgaa        777
```

<210> 2701
<211> 122
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 2701
ntncaatgca cggngcantc ttganttcta actacacaat ctttagagtt cgggcgaggt   60
cagttctttt cnatggccca aaaatngcaa gggtgcttcc agtncnttaa atgaaacccg   120
ga   122

<210> 2702
<211> 332
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> .1 ...(332)
<223> n = A,T,C or G

<400> 2702
natacacaag gacgatacac gaagaaagca acacgggcga aaatcccaac gaaccggngg   60
gcccctggng aaacgactgc gggatccaaa ctctggccaa caggaatgaa cgctncgcga   120
agcactttct agacgaaata aagaatcaat ttagaggaaa gccgccgact ttcgggcgac   180
aagactagaa aggaaaatga tgcgacacga cgaagangga tngaatggat tacganggta   240
tgataccccc tcgaataccg aacgaanact ccggtctcga tataaaatac gaaacagaat   300
acaagggggga aagatgggca cnggcctttt ac   332

<210> 2703
<211> 572
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(572)
<223> n = A,T,C or G

<400> 2703
gtgcgaggcg ctggtggggc tggcatccaa tctatacctc agaagccctt ttctcaattc   60
tgggttctcg ccctggcgaa ctgaattatg gtgccgaatc ctttggtgct agaactcgaa   120
ntggtcgccg aatttgaatt ccttccctcc aggcctggaa gatgccgaaa tcctgccatt   180
gaccccacgg gtttcactca atcgcctaca aaagtggaag aagcgcagca tgtctcattt   240
ccaccaaatg atcttctacc ttctctcatg tacctcaggt agcccaagac cgcgacttcc   300
tgatggctct agtaacggcc taccttctgg cggtctttc gacactgaac ctcatatcac   360
gtcggaactg aatgccatct cnaaaaatat ccagagatcc tggatctcag gcgccaatat   420
gtctcacttt ctaaccaggg cccngacgat aaccgagana tgatcaaaat tgggaaatct   480
atccccccca cctgaacccg cgtggggaca tcttcaaaac aggcaacaag cnccccgaac   540
atgtgccggc cnggaaaatc tggtncaatg ga   572

<210> 2704
<211> 597
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 2704

```
accgaggtgg acatttctcg cacaactcgc actcgatcac agagccagga gcgacgatct      60
gacttccgcg acgatgagct tgtggttcga cgagaatccg attcccgtcg ccgagcgcat     120
tctgctgctc ctctgcccac acctagtgct gttgatgaag agggcgacta ccttaccgga     180
aagattgact ctcgaggcaa aatgggtgag gcctggggtg gtgccaccaa ggactggact     240
ctcgtggatg ttcctccagg cactgagcgc atccgtatgg atggaatcgg cggtggcagc     300
actgagacac agtggacgag gtacagcgga ccaggaagag caagttcatc cccgagagag     360
atggccagcc ttttcacttc tgtgcattcc caaacctgct ttanggaacc tttcttccca     420
accgtgacgt gacacacaat gacgtgtaat cncgaccgta gcggaaatcg cattggagac     480
tcacggtttt gacctgtctc accaccaagg ntttggcccg natcctagga ctgtttccgg     540
aggtnttgna cttggtccaa ttagggccag gatttctttt cangctttaa ttgaaga       597


<210> 2705
<211> 727
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G


<400> 2705
cctgataccc tttttgtgta tttattttca tttgctcttc tcaagcttgg catactcttt      50
ggtctggtcc ggcatctacc gttttgtacc ttgtatttac gagacagacc tcaccaacac     120
caaggtggcc agacacttga actcatataa cgccagagag aagcttaatt taaccgcccg     180
ccgccgctaa ccctctccat catgggagtc ggttcatttc ttgaacctct cgtcgtggtg     240
accttctct ttggaggcgc ctacttcaac cgcagtaagg actacaactt ctggaccaac     300
aagtcaggct cgccagcct caagagctat aagcgttccg atgacctacc gaaacgagac     360
tcgaccgaga gttttgatga gtggatggag tggttcgcgt cgccgaatt tggcttccag     420
aagaataccc agccgagtct gcgttgtcgc aggttgcaag tggtaaggtt caagcgcatt     480
ggttntacgc caaacacaca agtntttgag aatggctcta agtgactttt gaagaacttc     540
ccttttggtc gagggtggga ctgggtcctc attactttgg ataccaggtg ggcggccatt     600
aatgcttgat tttgaagaag caccgtgat taacttggca catgcttttt aaatggtnat     660
tttgaaaagg cctttttttt tttggagggg attttaaaan ggtcttggnc aacaacnatt     720
tttatgg                                                               727


<210> 2706
<211> 781
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G


<400> 2706
tctgagtaat cctcagcatc tggacccttg tactcaggat tactcanaag ccgaggcggc      60
atgcaaggcc aacttgtgaa gacgacaaac gcaatcagat tgcacatggc catggttcgt     120
cgacgagctt catacaaagc aggaccagca gtcacattat cggagccgac gcgaccagca     180
graagcgacc ggtggcnagt ggttgtgang tagtacagca ccacgaggaa catgatagtc     240
caggaatatn ggatgaaaga ataaatgccg gttgatccag tgaanaatcg ttggtcgtgc     300
aaggaaccat tttngaaaat cgacctccca gaagatatga aggcgctggt cgagatgaac     360
gatttgaaaa gcatgtcgac gagctacatc aacggtgccc ttatcnanag tcaaggcagt     420
gatgggcgcg ggcaactggt atacaaaagt anatgaggga cnatccaacc tcgaccaaaa     480
aaggggaact ttttaaaag tcgcttaagg aacnattctc aaagacttgt gtgtttggcg     540
taaaaacaat ggcgcttggn gcctaacctt tgcaacttgn gacgaccaa anttcggttg     600
ggtatttttt ttgggagtta aaaattnggg gaaaggcgaa ccattccatc cacttattaa     660
acttttgggt cgagtttngt ttgggtaggt attnggaccc ttattgcttt tgaggtngca     720
aacctggatt gntggcccaa aanttgagcc ttatggggtt gaatnaggcc ctccaanagg     780
```

<210> 2707
<211> 702
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(702)
<223> n = A,T,C or G

<400> 2707

```
cttttcacgg gtcatgggca cgaacctggg tttaaaacac gcaaaaagca aaaaacccat     60
nttcggtntn tttaaaggga gaaagttttn taatnttaan gaggctctca accaaagctt    120
tcaccaatta agcataaacc ttttttactt caacttccgg taacccaaac acaaccttta    180
ciacattcat catgggctgg ttcagnggtt tgtcatatcg tttatgctta tcagttggtt    240
tcttatccct tcagaggcct caaaccaagc tcaagggtag gagacagtga ctcaacgtcc    300
tcattaggca gagtggtccc ccnaacttta taggnggagt tgcagcctac gaggctgcca    360
aggcctatta aaaccatgtt gctcggaatg gagagcctga tagccacgct caagcaaagg    420
agatcttggc aggttttgtt ggngcctttg ttgatcgaga gattgacacg aagggattgn    480
attacgtcga cgcananaag gccaagcgtn atggaaggca acatgcaaaa gagcagttga    540
gctacaacaa caaccagggn tggaactaaa accatgctga gaaaataaaa cttaactttg    600
ttattcttcc acnaggcttt taaggggggaa tnttcctggg ggccgttnga gcctgcatct    660
atagggtctt nttcccctnt ttgagttgtt taccttcact gc                      702
```

<210> 2708
<211> 650
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G

<400> 2708

```
caagccctcg tcacgccgcc gcctgtcgaa tcagaggatg agcctatgac tcctccaatg     60
atgcgaacga gtggatatga ctcggatgca cagcccggag attttgacga taatgatttc    120
ttcgaggact agtgtaaaca aggtttctct actttggtcc aggagacgca tatcatgact    180
tattataatc tatatttctt ttgtcagaac accaaaaaac ggctgatgca taaatatttg    240
cgctgcacat tattataaca agtttcaccg agactgcgaa cctagaaaga taccccctttt    300
tggattcatg tttatgccac agattgggat ttgtttgtct tttatttcca tcaagtcttc    360
tttgcttttc attctttcac tccgttagga agcctgtgtt tcagagggtc atctcatgaa    420
agagcccgtg aaagcatata agaaaaagga taaaacacag aaaaaaaaac gattgcggaa    480
caataagttt tgatatttca gtactttcct cactggcggt tggatagcgg ngtgggtaaa    540
tgtcatttcg acgtgagaaa acattcaaga acgatggctc gtggacataa tcataaattt    600
actctcaaaa gnaaccatag aatgaagtan aatgagttat ttttttttaa                650
```

<210> 2709
<211> 317
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 2709

```
caagggagaa attgtngata tgcccgatgg ggaactcaag acatggtggc tggatcacgg      60
nttgcccact gattttttg gngacttctc caanttgcct atgaagcttt gtatcggtga     120
tctcttgtgc tgtggagaga tggttgcaag ggggttcatg gcgaagacga ctgacagtgt     180
tgagaagttg acgggaagga agccgaagcc gtataaagag gctttgttgc antncaagga     240
cttgttttcg aaagcctaat tanagagtct acttgagtat cacagagcct attaaatata     300
gaaagttgga ttgcttg                                                    317


<210> 2710
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 2710
gagcctcatg atcttcaatc gagggtcaag gctcttgagc gacattggtc agcgctggaa      60
aaatgccaca ccaagcttag agaatgggag cccaaatacg ccacccaagc acaaccgcca     120
ttgttagaag ggcaggaaga atatgcgctc gacttgaacg acgaacaagc cacacatgcg     180
gaaattgagt accgcgaatg gcgctctgat cgagatagaa aggtttcata cctaaaagtc     240
aacccacccg agccatctgc ctttgtaccc gtcgaacgtc gcgacatcca aaccgacgaa     300
acatggaaca tccttcctac atcaaatggt cactacggga agcgcctgtt accagtctgg     360
acacccattc tcttccaaga agtaccgctc gaatgggaga gtcccaagga cggttattgc     420
tacaagagcg gaaaggagac ggagagatga gtttcgcaga agagagaaca acagaagaga     480
gaagaagtnc gagtttcaaa aacaacttct gaagcagacg aancgaggca tgatacacat     540
tagcgatttg gacatttaat gattgggata ttggggtttt acatatacag gagaattggc     600
gatttatagc ttggat                                                    616


<210> 2711
<211> 234
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 2711
naaccccnag ntgggtaaaa nttacccagc ctnggattta ttanttgnta accnaanaac      60
ttgnggggcg ggggggaana acaaatgcca cccgtttgcc cggtttcanc acccgagttg     120
ggtatatggt ctggtggttt tggttgggag tgggcttttt attcttggct tatttcgtaa     180
attangccat ggtaagtttt ctgggagttt ggaatatatc tacatcatgc caat          234


<210> 2712
<211> 321
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 2712
caaggancaa gtcnagatgc ctccccgcgc ccactccaag acctctcgtg gtcccccgcc      60
gacccttcga agtctgcccg actgtcagta tcaccggcca ctgaaacatg aagcttgact     120
ctgtttaggt tcgaattgtg aaattaagac tgaccgataa taaatnttga ctccgaagcn     180
```

```
ttngctcgtt gggcgaagta tnggcctgcn caaataagcg tgaaggtctg ggcgaantcn      240
ggtctgactc tngtccaaga tccgtcttgc cggccgncng ctccttaccc tnccacaaga      300
aggaccccaa gcgtctcttt c                                                321


<210> 2713
<211> 447
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 2713
ggaaaaatac gagttcaaat tgagcttgtc tcccaccttg tcatgaggga caatgatcta       60
cagtcttgac tgagacattg ggaactatct cagcaaacaa gacttatact tctggtgtct      120
gttcggtctt tgttactact caacaccatc aagcttgagt cgatatctcg acttgactca      180
acttaacaat gaattctctg gtcttgtctc cggcctcagc cttggtcttt tgactgctgt      240
atctgccagc ccagctgcct ttcccgctcc agcctcgatc ctgacctgta cctgctgcac      300
ctgtctcgcc tgtttcgcca gctgttgaaa aacaancagc caaggtcacc gttgctgttc      360
cttccngcac aattgnttgg atccanctct ggaaaggttg aatcttcana accatccctt      420
tccccgatcc acctactggt tctctac                                         447


<210> 2714
<211> 601
<212> DNA
<213> Fusarium venenatum

<400> 2714
cttggcccat tctaccatac atccattgat cagttagtat ttcgtcaata tgtcctcctc       60
tcctctccgt ataggcttcg tgccagagca tttctcaact cccctcttct tcgcccagaa      120
gcactttggt ctcgatgcaa ctctcattcc ctttccttcc ggcacaggcc acatggtcac      180
cgccattcga tctggagaga ttgatgtagc tgttggactg actgaaggtt ggattgcggg      240
tctgggaaag gagggcgtgg aaggagatgg tgggatatcg tcttgtggga acttatgtcg      300
agactcccct atgctgggct atctccacag gcgcaaagcg tcctgaaatc acatctgtcg      360
actctctcaa gggtggcaag attggcgttt cacgaattgg ctcaagcagc tacgtgatgg      420
gcttcgtcct ggccgaccag caaggctggc tgactcctgg tgccgcagaa aagcccttca      480
gcgatactgt agtcctcaac acctttgaaa acctgcgtta cgccgtcaac agcggtgagg      540
ccgacttctt catgtgggaa cattcacgtc caaaaagtct acgactctgg tgagatccgc      600
c                                                                     601


<210> 2715
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 2715
atctgtagag ttacgagttg actcttaccg ccgntcattc gacatcactg cacgatctcc       60
cattgccaac aacaacgact tccctacgcg tnaaagtctt gattctgctc gccttccccg      120
tatgccaaga tctcggtcg agcgatcgtt tgagcancc cctcagctg aggaacgttt       180
tgaagatgtt ggactggatg accacaagta ccaatatcaa caacagccgg cacaacaggc      240
acagccccag aagcgaggct tcttctccaa attttccgac tctcgcgaca aggacccctc      300
aagcaacccc tctgtttccc gattcctcat gcatggccgc aaaagagctc agagcggcca      360
agggtcanaa cttacaccta tggacaatgt accgcccaag gtcactgttt cacctgaagg      420
```

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```
tcaaganatg cattgaaatg catgaaagat ttagtttta cccttctacg ttgtattaaa      480
aatcctggag ttttcgtttt atattacccg gcgttatcgg ntacaggggc caagataatg      540
ctanaaaccc nttcctacga cactaacatt gctangtaca acttgggccg naaatccggc      600
ttttgtnttg gatgggttat gcaaaanaag ct                                    632


<210> 2716
<211> 164
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 2716
nggtgatagt cttcttaccc tgnntaacag taacatccna ancaccagng tatccgntga      60
ccctactgat cccgctgnca ncatgataac caccactant gatgtannaa ccatagcatg      120
nanggtcttg naacaacaca tcagtgttgc atantgaagg atca                       164


<210> 2717
<211> 603
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

<400> 2717
caatgcttcc attacaggtg ttgtgctgag gctataagca tatttcgagc tcaaaacatc      60
tcctcaacag cttttattca ccaccgatct tcaaagaagc acacaaacaa ccgacgtcca      120
ttttcacctt gaaaacatgc agttccaaca aagaattcca tccagcctca cccgaatcct      180
tctagctcct cattcgacaa tatcagccac ccccgaagat cgcagctctc acctccattt      240
ctattcgagt tttcccctgt ggcgccaaat cggaagagct ctcaacgccc ctcctccact      300
caactgttga gagctggcgt ccctgtctgc atggagattt tgtcggcgtt atctctcacc      360
gagactttac tttacctaca ttacttgacc tacctatgag tgaacaactc tcctcgtatt      420
ttatgataca ggggtttcta tcctattact gagcaaaaca gagtttatgc ttggaatant      480
taataaggag caagcatatc ctgttgggtg agttgtatac tatagangct gaggcaggta      540
cagtactttt tttttcgtgg ggggtcaacc aaccgattca atgaggcttt agaacaaacc      600
gtc                                                                    603


<210> 2718
<211> 560
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 2718
tcgtcttata attcacaatg gctggtatcg cttactacac cattgccggc aagcaggtcg      60
gaggccacta cttggccatg gcctggttgg gaaccctctt cgccggtgtc aagtacgcca      120
cctctggcag ttctgctaag cctaccgcta ccgntactnc ccccatnaac gcctcaagct      180
tccaacgagg ccaacttcat ccaagacttc cttacccagc anggacaaga agaactnaga      240
cggttggatc aaggacaatg gtcatgccgg ttatttggat gtgggggacc gttggtaagc      300
catggaagca taagctgtca tcgagccgga cagtcaaatt aagataccaa caaaagcctg      360
```

```
tttcgccaat cgtggcatga cgatcctaag gaacgatttc ttcatatgtg aaaaaccgaa      420
catgcgaccg accagctcga gccaatttcg ntattaccga ccagctgaat ttgatggtgc      480
gaatgcttgc atgcttactt cgcacangct gnaatcgnca ttggttttct cgagctcgaa      540
atggcgcaag agaaaaattg                                                  560


<210> 2719
<211> 393
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 2719
gccgttctcg aaggtctggc caagtacgcc catcttatca accaggattt ctttggtgat       60
cttcttgagg cgctgaagga tctcatccgc cacagtgaag aggatgccga gaagggcccc      120
gatgatgaag aggaagaagt agaggaggaa gatgaagatg atgtccctgt gcgcaacctg      180
acccgtgagg ctctgctctg caccgcacaa ccttcgcttt gcttgaaggg caaaacgctc      240
acaactcacg caacgatctt cacctngatt tatcgttctt cactacacac cttttttaaga     300
nactcctcac actttctaca aaccctgatg tcgagttgac acgtnccgta actnaaccag      360
cgcagttcta anataatgtc aaacaacaac ggt                                   393


<210> 2720
<211> 518
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 2720
tttttgtcca atagactgtt ttctaagcga atgtgctggc ttccaaagtt gaaaatggac       60
atcagacgga ccttggaagc cacaaacttc tattccaatt tagccgctgc gctttcagcc      120
ttttctcaag acaaactcga caatccgacg ttgaatttac aaatcgttat ccaagagggg      180
aatagtgctg atggtgacag atcggatact ttcgaagcca atgaacaacc tattatgcaa      240
tcaggacacc ttctcctctc acataaaatc cctctccgca ttgacactgc acgtgcagca      300
tcgaacctgc tggtcctagc tttgctcgag agaagcatct tcggagcacc gtatccaacc      360
aatcggaggc agattgaagt tcaaagacgt acccagagtt atcagacaca taagagacaa      420
ggcggttgag gttgctgcgt gaaccgggaa tgtccgtgga agnggcgtna aacnaagccc      480
agacagatca gtcggcaaaa acttcaaaag agcaggta                             518


<210> 2721
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 2721
caaggaagtc ggccctacag tagaagtcgg atctaaagcg ccatggtctc aatatctccg       60
tttaccagat ggaaaaccta cattagtagt attcctccgc cactgtggat gccctttttgc      120
tgagaaaacc ttcaggtctc ttaccgacct ctcagacaag gtcccaaatg tccactgtat      180
tgctgtctcc cactcatcag aagaagccac agacaaatgg ctgcctcaag tcggtggtac      240
```

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```
ttggaacgtt gacatggtaa tcgatgagga gcgagatctg tatgccaaat ggggtttggg      300
tatctcatcg acatggcatg ctgtgaaccc cttcacaatg tggaatgtat tcagtctcgg      360
taagaatgag ggcatatgga acagaccgac agaaancggc tcgcgatggc agacangcgg      420
ggcttttgct gttgaccgtg atngaactgt ccgttgggtg caggtggcaa gaacagcaga      480
cnatatgcct gatctcaagg cggccatgaa cgcacttgga ttccccctcc agaaganaaa      540
cccgttctag acacaaattc taanatactc tcgtcatgtt tactggggaa gcccgg         596


<210> 2722
<211> 253
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G


<400> 2722
ngttaaggtt acgcagtcat tgtgggngga caagctttcg ctttttaccg tnggcaacgt       60
tcgggctggt nccggacagt ggaataaagt caagctttgg gatctggcng naagtggaag      120
gttntgtgga agcggtggtn ggaagtggga ancggnggta aggncggtaa tggnagcggt      180
agcggaagcg gttnaagcac ntccacagtt gacggancaa tgcangcgan aattggggga      240
ttccgggtaa cgt                                                         253


<210> 2723
<211> 480
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(480)
<223> n = A,T,C or G


<400> 2723
cttttcagc ttgacattct gcttcctgct catcactgct ggtttctggg ccctcgctga        60
ggactttact ggcaatgctc tgcttgcaca aaagcttctc aaggctggcg gtgcatttgg      120
attcgtcaca tgcatgtcgg gctggtacat cctcgtcgct gttctcttcg ccatcgtcga      180
cttccctatc caaattcctg tcggcgactt gtccactgtc attaagggac acagtgagaa      240
ggcccgccgc gcataatttg atgcgcatct gagatgtatg atggaaataa tgtggaaaat      300
gggataaagg gatgatacag acacttgaga acctccttcc cggcgttggt catggcgttg      360
agttactcaa caattgatta tgggtggtct ccagtctgat gttctaccca cggagttgaa      420
ctttattagc tattaagttt actagtctga tgaatctttc anatccatgg actgaaaaac      480


<210> 2724
<211> 364
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G


<400> 2724
aacngnttca ctcgggnata agcactcgnt aaacgggat ctatctaatn caatatgcgt        60
ggacttgtta ttttcagcgc ggncgttgcc gtcgccaacg ctgntgctgt cgagaagaag      120
cactaccccg ttcctggaca agaggagcat gtncctttcg tgccngacaa caactacact      180
tctccagcaa cgagtatact nctnccgatn acgagtatac tcccccgac aacgantaca      240
cttcttctga caacgngnat tcttcttcca gcaacgagta cccttcttct ngacctacca      300
```

```
aagnnggttc ttctctcaag agaacaaacc tggggttaac cctctnntgg acccaccgag      360
gagg                                                                   364


<210> 2725
<211> 362
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

<400> 2725
tgggtctctc cccttctgtt cgctcacctt tcttttcgtc ttacttctcg tatccgagat       60
caacctctac taataaacaa catcgttttt gttttttactt gaacagtcct cagggacttg     120
tctccaaaca aaagctatcc gctggtggtt ggaagtagac ttgaattcgg ctatagctca      180
acgaacgagt ctcacaaaag cgaacaacct gngacgaagg aacagcctnt gacttacaca      240
tngaccacaa cgtacgagcc gacccangat cctttaaatc aaccaataca ctaaatcgtt      300
atcaactggg cctgaattta ctggttccaa tggaccggat tggggaatna aaggtcaaaa      360
cc                                                                     362


<210> 2726
<211> 473
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 2726
tttcgtctgt cgtagcaacc actcccaaga aaatactcac aaattcatca aacccaataa       60
attcaacgca ggcgatcaaa gcctgaagct tttaaaaatg ttgtcatgtt tcggctgcgg      120
taaagaccgt gaagaggcag agcgtgagcc tctgctgccg cgttacaatg acgacactaa      180
cttgcagacg cgactgcatg agaagttaca tacatatcag atgctgcgtg ccatatcaaa      240
gggttatatg ccaagcaatg agcagctcat catccatctg cgaactcttc tctccgccca      300
aatcttgaac ccagagcgac aggaattgag cccttcagga cgagctctca tcagaagcat      360
caagctgngg atcacccagt tcatccaagt actacagcac aaaaacagca ggaccagatc      420
caggattttn tctggtcctc ccangcacgt ttaaatgtcg atgtccccat atc            473


<210> 2727
<211> 117
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 2727
nggtggnata aagggccaaa angagcncta ttnggacttg attncnaggg catgcgacgc       60
cnattacgan tattcattgt gaangcccga gttgctgacn aantggcctt actctaa        117


<210> 2728
<211> 610
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

<400> 2728
gaggagggggg gccaggagag cggttccaag agccatgctc agtcgactgc ggatcaagcc   60
actataaacg agcagctcga cactataaag gacaaatacg ccaaatacct tgcaagtcga   120
cggtcccttc tgtcctctgt tggcgaaaag tttgattcct cagcagctcc aatcctggct   180
ccgtccacag ccaaacaaca ggcagatgaa ccagaaccta cctcaagtac ctatcttctc   240
actccataca tcgagactct tctcaagtta tcaaagaagc aaagagcaat gatagcgcag   300
aaagcacacg taaacacgac tctcggcaag gaaactaagg acaactgcca gtcactcggt   360
catctggaag aagaaagcca gctactcccg tctcactcta cggcaccaga atctcgacgt   420
agatccgttt tgggagagtt tcttacctct ggtgaacggt caggcttggc tgggaaagtc   480
caaccttggg ttctcgctgc cgactcggcc aaaattgcga cgcttgagaa cgtggcagaa   540
caggttgaag gcggacagct tgccttggna aactctatgc aaacattgca agcagatcga   600
ccaacttttg   610

<210> 2729
<211> 599
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G

<400> 2729
caatattaga agacgaaaac acgaggctgc cgggcatatc aagtcagacc aaggtctgtg   60
aatacagggt cataaaaaac tgggaattgg cataaaagaa ttgaacaatt tttttctctg   120
gggtatctca ttgttacccc tatctcgaaa ccccaactcc ccaaaaacgc ccgccctaga   180
aatcagttca cgtctaccct ttggcttcag cgtcgggcga aaaccactca gccctcgact   240
ccatataacc tctcggtgat gatgcacgca tcgaagatgt aggtgaactg agcgctgtca   300
cgaagctatc tggtgaccct ctacccaacg tcgctgtact ttctggaatc cttggttcct   360
ccgtcgcctc ctctgctctc taatttccaa tccaaagcgc ccgttcccgt cggttgcgtt   420
gtcgtcgctg ttagctgatg acnctgaagc agcagcctga agctcataag atcctccata   480
tttttctgca anctgttgca tggcgttcgt gtcnaaattg gctagcagac cgatacttct   540
tgcacgtcgc ggtcaatctg cacttccttc tcttgggggt gaacgtcggc tctatcnaa   599

<210> 2730
<211> 119
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 2730
naggntcaca ccaacnaccn attcggngtg gccacntggg ctngttcctg gnatnccgac   60
tngactgnta atcgagtgat ttacantaga ataggcnatg tgacattntg aatgtgcca   119

<210> 2731
<211> 658
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 2731
ctcaataata atcttagttt tcactcagtc ccaagcttta tcaacatgag ctcctctatc   60
cagacacttt gccgtggcgt tcgcgctgct ccccagactc tccgtctcgg tctcacccag   120
acccgacgat tgagcaccac agatcctagc cgaagcgttg caaacggcag agatactgct   180
gttcacgacc ccatcatgga cagattctgg ggatcaactc gtgtcaacat ttccgagtct   240
tctcccattg ttaccgagac ccccagcatg actatgtcta gccgagaccc tcctctgggc   300
acaaacgcct ttgagccttc atctgcacct cgctggtctg gaatcaacct cccctcaggc   360
cgcaataaat cttgcgtggc tgctattcac caccaccatt aaatgcttcg ccgcaaaccc   420
gacggntaag caacacgaca aattggttgg ggatttatcc caccaataac gacatgaaat   480
gaataaccac gccccaacat tacatatcac accacaaagt tactgggtcc cttcattgcg   540
cagcgcattc gagaactttt tttttatcaa agtggtacca aagtactggc agaagatgga   600
agttggagta atcgcacaaa nggnggagga aagtcccctt taagcgtgga ggnttgan   658

<210> 2732
<211> 143
<212> DNA
<213> Fusarium venenatum

<400> 2732
gacttcggcc cggccagggt ccagggtggg ccgcagggta ggcttctaga taagaggtct   60
ggggaaggcg tggttttcat tcctgtagga gttttggatg agtctgcgcc ggatgggaat   120
ctgtccgtcc ggctcggtgt ctg   143

<210> 2733
<211> 543
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 2733
ggatcctcct tcgtctatcg tcaatcctct ctgtctctct tttttctttt ctgttataat   60
agttacttct tcttattacc gtatgcgact gttgcttgga tctgaagctt gactttgtat   120
agtcaagaat catgggtgtt ccgaatagag gccctgagct tcaggcagtg tgttacacac   180
tgcttgtctc ttctgttata gcagttggac taagaatcta tgttcgtacg cggatggtca   240
agaactttgg tatggatgat tggacaatgt gtgctgctct tgtcacattc ctattgtttt   300
gcacaagttc ccttagtggt gtcacgcacg gaaccggtcg tcaccgaagt gacctcgatc   360
cagcagatta tatcaaagcg agaaattggt ggtggtggtg ctatctgtgg tactgcctaa   420
ccatgattac ttcaaagata tcatcggcat caccottctt cgaatcacca accgaaagat   480
ggacatctgg atcctttacn gnacaatggc cataacactc tgaccggaat cgctttttct   540
ttg   543

<210> 2734
<211> 570
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G

<400> 2734

```
ggggatatga ggtcgaatat aaggcccgtg atagtaattg ccgcttactt ctctttgtgc        60
ttctcactca tcaatatact gtctctcaca tatcgcttac agtacgacct gcttgactta       120
nacattcaca acgcctacaa tggatacgct ccccacagaa attgtcatcc agatcctgga       180
caaccttcca accccagcca tcaagcaagc ccgtcttaca tcccgaacat tcaactcgat       240
tctcgcaaaa cgcacatttg aggttctcgt ctcgtttcta gacccgaaag tggcgcaaga       300
cacaatcgtc gctgtcgcac aagatcctgt gcgacggcat cgacgaccct cgatttggtc       360
gccaagatgc agcgtacctc ggaatttacc cgtcgacgac tcattcctca tggccctctg       420
gatcggtttg cgcgganatt catgggtcgc aggtgttgaa ggagacaagt tggacgttgg       480
caagtggaag aatggggtgg gaaangacnt gagtgaagat ganttngaga agatctggtt       540
tcgatatgcn ctttatctga attatatgaa                                         570
```

<210> 2735
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 2735

```
ccgtctctta ctccacaaca gcactcttgg cgttgttgga acaacaagaa ttccccttcc        60
cagtgctcga gcctagctct tgatactttc tgccctacaa gtcgtcaacg tcatatctcg       120
cgtggcatga cgctagattg tccctggctg atatgccatc ttccgccacc aattgcagtc       180
catgctgaga agcttgaagc gggagacatg gagttctcca cgatcgggg taaatgctat        240
gacgcaaact gaggtagcca ggaaggtgag aatcccaaga gtttgtgttt ggctttgtgt       300
gtcaggtcct ctgcccagtt tgtgacttgt tgatgatgaa gccatcgaga tgcaagccgc       360
caggatgact attctcaact atataagaat cagggcatcc ctcctcggaa ttatctttc        420
ctcattatca taaacaacaa caactcttag gatacccaaa agcatctgaa cttcagctca       480
atcacaactc atctacaaga tactcaaaca cttttaacaa ctacaccaca aacaacaatc       540
atcatgtctg gtctcatcaa caaggttaag gaactattca ctccgatnag                  590
```

<210> 2736
<211> 592
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = A,T,C or G

<400> 2736

```
cacatcacct atccaagagc aatatatgta ctccagaaac agtcttgctg tcaaacagtc        60
caaccagccc tcgacgttga agccttctcc ttcaatggat attgcctctc gtcgaaacaa       120
gcgcccccct caactcgcaa tcaacgcccc tcgcagtttt tcggcaagcg acccagaac        180
tgggatcgat gttgggagaa gagctgaggt gggacattcg atgcgccgtg ttgcctccgc       240
aactggagtt ggacgcatcg gtaagcctat gactggtcct cgaagccctt actttgaaag       300
atagccagac gttttattgc agctgaatcg ttccccaac ttccaaagt cgactaccat         360
tgcaccacct actcctaaca ctcctgctgt tggaaatcac caggcctat gtnaagctac        420
ctcggccagc acgtgggata cgaaaaaaaa taccgatgga tcttgcaatc catgaccaac       480
actccgaarc cacctaccac tcctggantc atggaacact tgtncacaat gatctaatat       540
caattgcntc cccnataacc ttggtganac aagaacngca cctttctctg ac               592
```

<210> 2737
<211> 292
<212> DNA
<213> Fusarium venenatum

- 1019 -

```
<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 2737
nacaagaacc aagaaaagcc ttnttcgagg gttgttcnac aattnggggg caaagcgaac      60
taaaacntgg caacccggtc gcaaggggga aaggaaaaac cgntctttgg tcgaatcttt     120
ccaagccctt tttcccttga acccgttttt tgggggaata nggttgaanc accaatnggg     180
tggaaacccn aaacttggnc ccttggcccc attcccaaaa aaaagncaaa ccgttntgcc     240
ttgcttggcc ggggggttg ncctttggga nttaaaancc caaactttat tc             292


<210> 2738
<211> 112
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 2738
cgcggccgna agaatttttt ttttttttt tttttnggag ttatcaaaat gatanatttt      60
attctttata aatatatgna aaaaagtaat atctaaaaac agttgtttaa ac            112


<210> 2739
<211> 482
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G

<400> 2739
ggaccaagca tgactggcag cgacatgaaa agtcattgca cttgnccctc gagcggnggg      60
tgtgtactcc ccacagccca aaggccgtca accccgatac tggtatcttg tcttgcgtct     120
tctgnggnga cgctaaccca gacgatgccc atatcgaaag ccacaaccat tcagcctgcc     180
aagagcgcac acctgccgaa cgaacttttt accggaaaga tcaccttaac caacacttgc     240
gttnggttca taacattaag tttcaggact ggtctatgaa gtcgtggaag gtggctacgc     300
cananattcg gtcgcggtgc ggtttctgtg gtatcgtgat ggatacatgg actattcgtg     360
tcnaccattt ggcggagcat ttcaagacgg gttattccat ggctgactgg aagggtgact     420
ggggttttga taatccagta ctcgaaatgg gcganaactn tatgccttca tgtatgaaac     480
ct                                                                    482


<210> 2740
<211> 227
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(227)
<223> n = A,T,C or G

<400> 2740
naagacgagc gcggttgttg gaaaaatgac nncccacgac gtnaaaaana aanacctggg      60
```

- 1020 -

```
ctacgatgtc ncatcncccc caantaaaga tgtcggcctc ggcnaatatc agcacattcg      120
aggcctcnag acgagcgctg anacgtcttc cacagaggcc tcaaggccca cacattacta      180
tgattgcatt ggnggtgcta tcggaactgg tcttattatc ngactgg                    227


<210> 2741
<211> 308
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 2741
cgccgaacga gacgagctga acaagaagct cgagaccgct gagcgtgagg ctgtgattct       60
cancgcactg aggaccgaga acaacaatct natgaagaag cttgacgatg ccaagaaagg      120
ctcagaatgc tgctgcatcc aaggtgaact ctctcgatac tcaganngcc gcactggtgg      180
ctcanatcaa caacggtggc ggtgctccca gagcgagctc canggaagg aatctatcaa       240
ggatcccaag cgggcacaaa agcnngtcgc gtaaggatc ctcnggaaaa aggactgaac       300
tctctcgt                                                               308


<210> 2742
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 2742
ctcatccgat accccgttc attgccttgt gggggttgtg ttttgtcttg tttcatcttc        60
ctcgttcaaa acactcgcca ttcatccgac tcatcccgct atcgcaaggg cccccagtt      120
gagttttgg ccaccttaac attcgccata ttcgtcgcac cttgaaacct tcgcttctcg      180
acttttaaaa acaaacattc acgccttcga aacaattgga aacacttcta ccatcatgtc     240
tttctccagc cttgttcaag acttgagcct ccgcgacgcc aatggtgctc gccgccctca     300
gattccggt cccgctcgtc cgcttctact cttgacgana gancttcgca cgtctcgaag     360
gccatgtcct atgccagtac cgctgccaca gcgtcagtat ctccggcgan atttcgancc     420
agctccatgg tggatacttc cacctctggc ccgctcatgg caagctgacg tcagcttacc     480
aagtctatgc ttatctaccc ctcttcntca cgacggggaa ggtgatagat ctcgtccctc     540
tctccctggt cagcacagtc actgcaaaac tgatccctcc tcnaacnctc tca            593


<210> 2743
<211> 972
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(972)
<223> n = A,T,C or G

<400> 2743
ngctagccag ggcgccagat agcaagtgcn gttcagtgta tctgaacaga cgaacggtgg       60
aagccgcatg aactttggng ctagcaactt cgncattgcc gaagacgata gcctttcgga      120
tgattggaac aaacggtacg gatattagtg ngaggacgag gaactatggg gacaatgggg      180
tggtcaaaag ttcatggacg ccatatcgaa agcacgagat tcggctggac gattaatcga      240
gtctactctc ggtcttgaga aggaggtaac cgaacaacaa cgacacgact tctacttccc      300
```
- 1021 -

```
caagaacccg ccagtcaacg aataccaccc tcctgtcgtc agtagcaagg cccccttcacg    360
aaacgcccac caatggatgc tgcaacccoc gccgtcagcc aaggtcatgg aaggcaaggt    420
gcctgttagc cgagctgcaa gttcgggaag caagtcgagt gctaggacac tagttggaga    480
tgacactcag ctcagccgtc ttgttcacga gaagcttgtt atggagaagt tgagaaagga    540
gtacggtaac cctacagaaa ccgaactcat cgaatctctt ttctcgaacc gaacgaacca    600
atctctctct atccatcgca ctcgaagcct gtctttcgac acttccgacg actcacttga    660
cagtggcttt gcgaagcgaa agtcaagact tcgaccagtt gccgnaccac caggatacga    720
ntcttcanat gatgattccg attntgacgt gcccgctctt ttttacaaag ggccatgcnc    780
tcgggccctt gccgaaagga ttttggcgtt caacggtcct aagttggaga ctatccagag    840
cacgaagtcn gccacaagga tgtcctcgaa gcgatccaag cgacaaagat ccactcgatc    900
aagaggcttt caggcgccgc ctccctgttg gcgacaacct gattaactca aaactgggtg    960
aaacaaaatc tc                                                       972


<210> 2744
<211> 358
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G


<400> 2744
cgaggaccac agaacgtgct ttcttttttt tcttcttgga ggaaaagtcn gntgatgatg     60
ggtggcgtct tatagggaac ccnggggtat ttgtacagtc gtcaaatcgg gtgtcgctcg    120
ttctttgaaa aacatgcatt ctttgcagat ttnacaccaa tactctngca aaccgtggcg    130
cactgnacat ctatcatngt gctgtgaatt tccatttctt ctcatatacg attcagggaa    240
catgaccatg atgatcaact cgagtaacga ggagtagaaa cgaggcatga attcgggcca    300
ctacgaagat tgggtcgttg nagagattct atctgtttat tccatcctta tatctata    358


<210> 2745
<211> 237
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G


<400> 2745
ctttctcaac gatgctgcat ctactgctgc tgttgagaga tcaagtgttg ctgagcgcgg     60
tgcatcactc gttaccttct cttctgaccc acaacatatg gcacgctggg aactatcagc    120
aggaatcaag gttctacagt cggagcaacc aggtgtccca ggaaaagtcg aagcgaactt    180
gcaaagcttg acccgngact ttggggcctg catgtccatc cntctnatct acggcaa       237


<210> 2746
<211> 150
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G


<400> 2746
ncgccggagg ccaaggncga ggcccgcaga aggcaagaag tccccnttga gycggatgat     60
ccccgtcatg nacacaacct ngngttatcg gntattgtat nagnaaagca actaccntgt    120
```

tccaagaagc cttttgggtt ggnccccca   150

<210> 2747
<211> 315
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 2747
gaataaacac cattcgccat gtctttctca tttggattcg caggcgacga catttctgac   60
gatgagcaga actcttcaac tgtcaagcca acagtcccag ctcctgcagc caccagcagt   120
gcatttcctg tcgcaggaaa acctcagctt ccaccaactc tccatcaact gtctgatctt   180
ctcgccgagc aaccgtccaa gatcgcttac ggtcttctay atgttgagct tgacgatgga   240
actaacgttc agttaccaag gagaganttg tgggatgtga nggtgcnctg atggctgaag   300
aagaagattc ctgga   315

<210> 2748
<211> 581
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

<400> 2748
gtgtgtcgag actatcccta gacgttctcg tgtctcgtca tcataatttg gccgctcata   60
ctcggaatca tattcatcca gctcaattcc tttatcctcg aatgtactat acaactcctt   120
ttctttgatg agtggcaatt gtcaactatc atccatctcc atcttgctcg cacaaatgg   180
gttttctcca tctccataca gaaaatcgtc gatgtctgag tcaagcttca gtgtcttacc   240
gtacgcccag ccgtcatcgg caagctgaat ggtgaccttt ggccgcaatg accggctccg   300
ccattcagtt cccctcagct cattgaagaa gttgtgtgga ttcaacgaac agtacatcgt   360
agggaagcta aggggccac gaacgtgata acaatatctg gtattcaggg ttgatttttg   420
tatggcgaag tcttgaangc tttcggccac gcatcttgga aatcagaagg atttacttaa   480
atcttgacnc ccaatcttgt taacatttgt tcgctctggg ctcccaaaaa aaccaacttc   540
ggttgaatag tgaaggantc ttccaattgg anatgcnaaa g   581

<210> 2749
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 2749
ctaaagctgc atactccata catactgata cagaacaaac aatctgtttg cgcatcaatt   60
gtatcaatcg catctattct tattacacct catcgcatcg cgcatcgcat cgcatcacat   120
ctcatcaaaa ccttcgtctt gnnnngage gcaattacac tataacttat aaagcaaaaa   180
gtcgactccg actggaatca aagaaactat ttcggtagcc cggcgctctg tgcttgcgct   240
gtgtgagttt cggaccaata ggttccaatc gacaactgaa cgaccacga caattcaatt   300
ccggactccc cttgcgataa aatgcagtcc aatctatcag gaggacttca tgctcgacaa   360
aagcagcatc ggcgtcaaaa ctcgacaccg actgcttttg aaggtgctaa gatccccaat   420

```
ctgccaaccg cacaacgaca aancgcacac cgacgcggcc tcagtctcga tattcgaaga      480
caacacattg cggnatctcc agcaactaca acaacaccaa caaggcagaa ccaaatggta      540
ggtacaaatn ctaacaacac aggactatcc cattatccgc agcataa                    587


<210> 2750
<211> 531
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 2750
caaacacgtt accaagaagt ttgcttattt tgaatatata atagataaga aatataaaga       60
attagnggca ttttatttag ctaaaggtct aaaagctaac tttcagtatt tcagtgcata      120
tgaacataat cgttcagata aagctggact taagtttaag gacttattgg ataaagccag      180
gtctgaaaca gaatctgcta ttaaagaaga taaaaaatta aatcattcat tacgaaatat      240
aactggngag aaattaagtg atttaataga tctagctgaa aagcaatgag atagaattta      300
tagtaataat gaatatccgg ataatgataa ctattatttt aaaactcgcg ngattatcct      360
ataaccgtgt nttattaact agaaatcgta gtcatatgac ttatttcata tgtataaaga      420
gggagttgng gaaggtataa aaatagacag caaatgctgg gnggataaat gctncctaaa      480
ttatttaaaa ttntntaatc tagagaagag ttataaaaaa atactgtctt t              531


<210> 2751
<211> 344
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(344)
<223> n = A,T,C or G

<400> 2751
aacacacaaa gacaaactac caaaatgact ggcaccgacc aacagaagga cggcggagaa       60
gcaattctcc atccacccca tcaaggatga agctaaggac aaggtctctg cctttaacgc      120
tcaccccgga cccgccatgc ccaaggatat gcctcaagaa gagggtacca aggaggagcg      180
caaggctaag atggaggctc tcaacaagaa ataagcaggt gacttctgca acagaagcta      240
tttcgccgac atgattgtat gactagatat gggagcggat tgctttacga cttattacaa      300
cacagctaga cagctattta taattcgcat aaannaaaaa aaaa                      344


<210> 2752
<211> 380
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 2752
nccagaatga ccgaaccgga ttaaacggca gggtcggatc gaacctgtgt aaaggaatgg       60
tagtatttgt gaaagaagaa agacaaaagg gatatttgaa tgctcgatga cattctgaga      120
ttgttggtgc ttacaccagg agtacagcgg cagcgacaaa ggctgtcaag gcaaccatac      180
cgacttgtct gtcgttggtg ctgcccagag actcatctga tgagacctcc tnacggtcgg      240
tagcgtcaga gacaccgttc atcttgtctg tcgcagcaag gacctggccc ttctcgaaga      300
aatcgacaag gacaaattgg gggcagcncc cactnctgtc ggcactcctg gaggtgcttg      360
```

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```
ccaactcgcc gttgtggtag                                              380

<210> 2753
<211> 189
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 2753
ngcgactctc tcccccgaa gtcttngtcg aaccccaaag tttgacgcac cttctantcc     60
agctcccgag cctnntaaat ttcaccgccg agccgctnnc ttggtttga acccaggana    120
accgtcccnc ccgntgacta tttaccggaa agccctccca ctgtnttagg acttgccccg    180
ttcgctcag                                                           189

<210> 2754
<211> 438
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(438)
<223> n = A,T,C or G

<400> 2754
ctcccattta tgaggtaatg aaagccagcg atgaggagag tgttatttgg gccattccaa     60
agctgctgaa acgcatctaa atgggctgat gaagttcttg gatatttatt gccctctaga    120
cttggccaac ccaacagaac caagcaacac tacagagctt tccattcgat acatcatgct    180
tacatattct tttatatcta tctgcaaaag ccgtgtccgg gtcnaattan tagacgtcgg    240
tgatggcgcn accccanaan tcatggcagc aatgacgac cgatataagt tcgaggccgg    300
ngggatggac ctaaaattga naagtatgga gatgcttctt acttntttgc tccgntgcct    360
ccatgagagg tttcccgcga tatcgatnct tcatcaatga ttgaatgtct cctgtctttg    420
acagaggtnt ttaattga                                                 438

<210> 2755
<211> 828
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = A,T,C or G

<400> 2755
ttttccttgc cttttccctct ccctctcctc ttttctcttc tgttctcctc agttttcata     60
tccatctctt ttcttcttta ttacggtgca gctcgactat cgttcatcta ctctcttctc    120
attcatttgt gacctgttta tcttgactgt tcttcattlt tgatactcac cgctttccaa    180
gatggcctgc atattcttcc ccacgccgcg tgggttatcc gttccattat cgcgttaatc    240
ttgtctttga accacttcg cctgccacct acctgcatga attatcaaga agacttggac    300
cgggcactcg gcccgctatc cttacatat tcacctccaa attgcactct atcaacacca    360
attgttcgcg cctatcttac acttgacgc ccggccttca ttcaaacgau ctcgtctcgg    420
gtttcagcat ggatcttaaa tactcgtacc ccttaatgt gacggctatc aacaaaacaa    480
ctatttcaac acaaaaccac aagtaagtag ccactgtagc taacacacgc agacttcctt    540
gtccaatttt cctgtaaagt agccctagat caaccctaca tcatcgggcg tcaagatcgc    600
gccagcagtc cctacgcgta ggatttcgcc atgcttggct gcctgncaag atgtatattt    660
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gaagaagcac cgccgccggc tagactggtc actttcgaac gagcttcata tagcagcatg      720
accgacatgt gcttaanaaa aggnggccgg agggatgant gattggactt gactgggaga      780
taatgngaca tgggangntt aatattgtat attaaaagaa agtcctnt                   828


<210> 2756
<211> 782
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

<400> 2756
caagaaggaa ttgtggatgt cgttccgaac gattatgccc gaattttcaa acttgccaat       60
aactataatt tcgcggctgc atgtcaagat taccacgcat ctgcacgtgg tatcttccag      120
tgaggttgtt agggagcccg aagtcgttgt tcgatccact accgacaaac actgtcagcg      180
ttagagagca cgctctagtc caccacagat cttggaaggt cacaatggcg gcaagacaat      240
ttatgtccan cgcccaaatt caaaggagtg ggaaccggca tgattgagtc agacacatgg      300
gtgggggttt aactctnatg aacttctgct gggcaacccc cggagctact tttcctagca      360
tctnctatat tatgccatct ttgcatgtaa gaatgcatgg ttatcgatag cctgtcactt      420
aactatttta ccgagtgggc acgaggggac aaatgtaagt ggcagaacac tcaggtccaa      480
ttttccggag atgcacaatc cttatttgat atcgaacacc gcattntaca catacggtcg      540
tacatacgac aaaggcagca agactacccg ctttacgtnt tntttgcaac ttttataaac      600
caagtgnggt ggttactttt atntgagcta cggagcgacg ggtcggtnaa anttgtggng      660
acaagaatta agcgcaaggg ctacaattga tccaaccaac ggacgattcg tccaatantt      720
ttccggtnaa aaaggcctcc aacgaatttt ctggattttg gaaccagnac ggaaaaatnt      780
cg                                                                     782


<210> 2757
<211> 560
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 2757
atgctcaggc tgggcacaac ttaaaatatt ccttcgcttt cgttgattga agctaccctg       60
tattttaca acacggcgat catgacatcg caaccgctcg ttctcgcacc agcaactcct       120
tragagcttt tatcacacat tgcatcctac cacagatatc ccacaacact aataatcggc       190
tcctccnaaa gctgagttcc acacatctct cgttgaggat gtcactcgtc atctcactct       240
ccaagaaagt tgacacagag ggactcagcn acagaaccct ctcatgtnct cttaaagcca       300
tcgctttacc aaatcgccat ttctcgccat ataaggattc tatttgcacc aacagtcaca      360
catctgcgtg cttatctttc cgncttcaca cccaaaaact ccttgatatc agcaccgnca      420
aactatacccc ctgactctna tacgcctctt cttctggnct atggctcctc gctcttcata      480
gagatgcaag cgaatggnct gcgcaaggga tcgggaactc tgcggtttgc taggtgatgg      540
caggtcacn ggatggggtc                                                   560


<210> 2758
<211> 511
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(511)
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<223> n = A,T,C or G

<400> 2758
cggctgtgtt gactttgacg attccatccg acgaggacca tcacaacgac gatcaacgac   60
aaaaccgtcg cacgcgccgc aaactccgaa aaacagaggt cgaattggtc aagcaccgtc   120
tttcaatctg gagccgttga ctttaagtcg aattaaaata atatccttat ctcgatctcg   180
accaaggacg cgcttaatta atcacatcat tcatcatcac catatcgtcg aataatagca   240
atcatggtcg acttcaagag cgaaaccatt cacaaggttt cggaaaaggt ggcagataag   300
gtgcatgata ccaccgaaag ggttggcggc ctgcttgatc aggccgaagc tggcaagatc   360
ccggcaccaa gggtcaccat cctgtctctg ctgtcatcgg cacagcgttg actggtggta   420
tgggcaatgc tggcaccaag ggctacctgg cggcctacat cnagganctc gaaaanaacc   480
ccttactaag tgaccaatct cactgtcatc c   511

<210> 2759
<211> 496
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 2759
gaaaatattt tcttctttac tctattttac ttttntccta agaaattcat gctggaatat   60
attctcggat tcatcatcgc ctacatcacc atggctcaaa gtatcccccca gaatgtgatc   120
gagggactac aaagtatgct cccatcaacc gacagatcag acgacaaggg aaaagaacca   180
gaagttctag aagatgagat tactcccgtc gacatagtca ttgcacgaat catgctctca   240
aagggaaaga agctacctcc agatgttgtc gatattatcc tcgatttcgc agagtactgg   300
gctcattcaa gcaatgaagt tgactttaaa cttcaacatc agaatcctct gactgtcaac   360
ggtgggaagt cctactcaga acaaatttgt tcttcggtct taccctgtgg gtctaactgg   420
tcttcaaggc agacaagcgc tcgctgagat cctggcgtat gacatgactg aagcgaacct   480
caaaagttgg gagaaa   496

<210> 2760
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 2760
atcctcttcc gcctctcggg aaacatcact accgtcaggc attggattgc ggtcccaaga   60
cctcgtggaa tctgctgtca tctcccgttg agacatacat tcactcactc gctcttggct   120
tgtagcaatc ggtcatcgcc ggtcttttac aatcgggaca ggggtacgcg cgactggaca   180
agaaangaca gggcaggatc tcgacgactc ggactaatca tttgaccatt tccttttcac   240
tccgtcttgg tcttgggtta tttcccgtgc caaatgcttg cccgcagaan catctttgaa   300
aactctgaac cacacgcatt tggcaccatc gccgctgaac gtatttgccc atctgcggct   360
ctttgcgtct caacatacat ggccgacgac agctaccgaa aagantatcc ccagcacagc   420
cgcccgacg acagtcatcc tcgaactcag tcacactatc ctccaccacc ggatactgcc   480
cagcgtcttc cgacgctcct ccangcacca tggctaccte agtcactttg cctctatcca   540
tgactctcgc ngttacnggc cgccgcctgc actccnggtc ttgttatc   588

<210> 2761
<211> 623
<212> DNA
<213> Fusarium venenatum

```
<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 2761
cttaggttcg tatcatccat acctattaat ttgtttgagg cattgccact gtgacaggca      60
catttatctt ggccgccaat ctgatatcac ggatgccgac ctgccaaaca cgtttatgaa     120
agactacttg cacgcggaca gtgatattaa gagatcaagg aagcgaccga aaatgactag     180
taatgcgcct cccaagctgt ccagttcaaa tatccaagtt aacgacaaca catcacaatg     240
cttcaataga gtatcgagca taccgacgcc gttgagcctg cgagtctccg attcccacac     300
gaatagagat aataaaccaa gcccnttagc cccaaaaccg cagatgcctg caaagaagan     360
caacccgata tccgttggtt cgacggtgca tggccttgcc aaagtccaca ccaggtatgg     420
tcgctagatg gagcgttgtt acagaaggaa gagtcatntc aaccccggga tcctcactca     480
aatatatgtc aggnaccacg attgggagtg aatatccttc gaatcctgac cccttttttt     540
tgaaatattc gacaatattc gggtggnccc aatcagatag canaacatgc tttcttttn     600
aucccaata aaanggccgc caa                                             623


<210> 2762
<211> 618
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 2762
ctcagtctcg acattggttt tcctcaaggg gtggtgttgc attgacctgt cgtcatcccg      60
ccgcctcctc cttctggctc tcctcacatc aatacagtac ttaccaccta aaccttcgtc     120
atcctgcacc tcacttcacc tcaccctcat ttcgcatcat cctacatcaa ttcctcaccc     180
tgacttcaca cctcgcatcc tatcatacat ggtcgatctg ccgtgatgcc gctatagtga     240
tttctagact atcgcagctc gccagcagtg gtacagacac ccctgctcat cattcgattc     300
tcgccgcgtc gaaccatcat agtatcaact gcaagacagt ttaccactcc aaacctaatc     360
tttctcactt gatcggccgc acctctgcac tgtctttaat cactaactca gcgcatcaaa     420
ccttaccatg tcgcccaaaa cgccggttac catcacttac agcaagcctg gaatcgtacc     480
tccgttttnc tcgcangctc tttctcggat ccacaatggc actncaagag atggaatgta     540
tttctgacca aaatggagag catacgttcc aatctgaagn tatgcttgag cctgaacagg     600
ataccaattc aagcttnn                                                  618


<210> 2763
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 2763
ggccgcagga attttttttt tttttttttt aatcgtaaag taccatccgt atgcgtntat      60
cagccttgtt ccaccctcct cgcaggcgtg tcaacgacgc caagtagaca caagccgcca     120
aatgaataaa atatcttcaa cttnatctnt gcgcaataaa tgtgaatana aaagcgcggg     180
caccctgattc taccactgca cttccgtacc agttganaat cagccatacc tccaaaacat     240
aacaaatcgt ctcaaatgca gataaaccac gccgaacctc caggaccgtc ccttgaccga     300
caacctgatg ctcataaata gaaatcggta actccccaaa ccacntnttg tcaaagagcg     350
tgtatgcgta aactccaaaa ccaaaaccaa gaaacaaagc gatccancga ctgaacggat     420
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```
atgccgaaac cctatcggaa ggnacagtgc cgaccgaagg ggctgncatt gtcaaaatag    480
agaggtaatt accggatcaa ggaatcgcat ggngacgttc catgatccca aaaatccacc    540
gggtnntcca aaaccagngt taaagtttgn nttggtgcaa anancaacga cccccgggt    600
gttccnatat antacagggg ggttttttnn                                     629


<210> 2764
<211> 269
<212> DNA
<213> Fusarium venenatum


<400> 2764
ttttggttca tcatgacatc gtcttggtat ctgtaccaca acagtcggct accgccagat     60
gatacatgga tggtgccgtt cagcgttgtg dacacaattg gtatggacac agcccagaaa    120
gtgctgcttg ccagtggctt ggtcttgagg tttgcagttg gcattgaggt gtaaccatct    180
tgccgggggt aaagcgagcc taaatttgca ttcaagataa atactctaca tagatatctc    240
aagtaatgca gacgataatt tgtctccat                                      269


<210> 2765
<211> 593
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G


<400> 2765
gcgcccactt tccgttgtgg gcggtagatc taacttgcaa agaaaagtcc cacgccttag     50
aaaagcttga aatgatcctc atttacaaaa gaatgcatag tgtctacttc tcacgtgaga    120
aaataccaca tggctcatgg attctctaac tcgtgtgata tctgatgttg cggacctgcc    180
acttaggagc aagcgcctta gaaaccttgc agtattctat caagatatgc cgagattggc    240
agggaatcgc ctacgtgctg cagggtcacg gtatgaattg atcagcctac acgacgcatt    300
caacgaagac tctctgcggg actgccgact aagcaatgaa ggacgcgact caggtnagca    360
tctccgaagg tgttgaactt catccagatt ataattttat cctgcaccca tcgcaaacgg    420
acctgaattt tacgtctata atttaacggc aacgatccat ttccagggca caggggggatt    480
atgaancagg gcggctgaat gggtttctcc tgaccattca aaacatcgac tcatcgtcac    540
acgagactgg cggatgctta cacggcattc atgtttcagg tggcacaaat aaa           593


<210> 2766
<211> 341
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G


<400> 2766
gagaaagaga aataatcttg gttgtggcaa nttgacgatg aatgctctc tcttacaagg     60
caaggcgggg tcccactatc tatctggccc tgcattaaac tggttgttga gtctggaacc    120
tgagctgaac aaaattcgcct atttacactt ggaccctttt gcatgtttga ctttggcttt    180
ggctctgaca atatcaagtc attctaatgc gtgacattgt cttgtcttgg aatgggctgc    240
atggacnttt atanaattcg tggcacttct agcgggacng cacatgcggg cgatcatact    300
naaaagcgtt taggaatggc tactaaaagg acgtttgttg t                        341


<210> 2767
<211> 159
<212> DNA
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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 2767
nccctgttna cntgtggctt caacactggc cctgggcggt anattggctg tgcggncctc   60
aagtgtgtnt tgaaaaggaa aaccgncccg gaaatcaagg taggaacccc aaccttgcan   120
gggacttcca tncacgcaac anacagtggc tggggaaat   159

<210> 2768
<211> 517
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G

<400> 2768
ggctctgaga tctggaagta tctagcacga gctttctacg gcttgagaac agcgacccgc   60
cgaactatct ggggtgatcg cctcttccta cagttccacg gacctacaaa aattctcatg   120
tctagccgag gtgtgcgtgc ttcagatgta ctcaccaaca agcaagtgaa tgagatcgcc   180
gactctgaac ccggcgtgct ctcccaggct gtcgagctga gcgacaagcc caagctgaca   240
gatggtgccg gacagggact ggatgataaa tcccgtgact ggaattcacg ttgccaaagt   300
ttganaaaga tggcaanggc aatttccaaa ataacaagga ccttaaggag tttattccga   360
tgaaacgatg catgtaaaga aaggaaaaag ccaatgagcc gatttacata tatgaaaaaa   420
ggagagggaa gatganccag aagttttttc caccgttgtt tatgtntgaa tntcctcata   480
gantggacct ttttgtttaa ttttcagagt tgaaaaa   517

<210> 2769
<211> 955
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(955)
<223> n = A,T,C or G

<400> 2769
gtcaaaggtt ggacctgctg ctaacaacca ccgctctgct ttgttaggca tgtttcgtaa   50
ggatgaccaa aaccaacctc ctgctcagtc gcctcacgct accggacaag ctgctccagg   120
tagtatgatg agcgaactta tgcgatctgt cgggggagac aatgtgagga cccaagcttc   180
tccacaaacc agcgcaggca tcaacccgtc catatctttg gagggcttgt cccttcatcc   240
acgggctgct cagtctagca cgcccggggc tcccaaggaa aaagccgaat tatgcgcatt   300
atgggcgctc angtacaagg aacagccgct tcgcaaccta ctcaacccat tcgaattctt   360
cagcgaagac aaacagaaca gtttcttggt gttggtggan catcngcatc tcctcaaact   420
tcttttgctt cacccagtgg attatccgcc cacctacagc ccgcacgtnc taatgtcagt   480
cccagcattg cgcaagcatc cctgcgttca acacacgtcg cgaatctggc ccggctcaaa   540
agcgagagct actttcactc tttgggaaaa cagccatcgc ctgctagttt ggaagcagcc   600
aagggcaaag aagtcattgc tggaacgccc gggtctcgcc ttgcttcatt agcctctggc   660
acagaagaac tgctggtcca ccttctcgtc gtgacagcca gacactatc tcaacccgtg   720
aacntacatt tttgcttgac tacttgcagt ctgttacgaa naatgccaat cattgacggg   780
ttttggaaac gtgaattatt tgtncgaatt gccatcattg ggattgaaga acatcccaac   840
ngaccttgtc tgggacctac nggtttccan gtttctagca agcaattaat tgctaagcaa   900
aattacgtaa ttggtatctt gaaaatgcat tcattctgtc aatattntca atccg   955

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<210> 2770
<211> 154
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 2770
ncctcactgc acngcngagt aggaanaaag acccctntac ctntcttaca catgctaacg   60
cttgcaagcc ttaccgtttg tgacntgggc agggacacat tattgngagg ggctagtttg   120
tgcgagcccg aaatnccctt tgacaaagga cgct   154

<210> 2771
<211> 107
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

<400> 2771
ncntacgacg cgggaaagga agcatcacgc cgtgtnaaaa cagaaagacg ggggcaantt   60
attttttcact atntgccaaa gntaattgct tattttact tggattc   107

<210> 2772
<211> 335
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 2772
ctgaaagcca ttcttttata ggaagttgtg gttgtagata gtcggcacgg cgccgcttct   60
gccatgggtc tttgcggggc gcacttatca ttatttccat tgcacttggc tgcaaaagtc   120
tgcgatcacg acagcgagac tccactcttt cctttcttcc ttgtccctcg acatgctatt   180
atttccttt aaggcttctt gtcttttttg ctattccttt tcttcatctt catctttttt   240
ctttctctct tcttaataac actcgggtng gtctcatctc atactaaaga ctcaatcgcc   300
gttatgagtc cgcaaaagac caanttcccc cccgg   335

<210> 2773
<211> 204
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 2773
ntatcacaag gactnaactg gaagaccgag cttacatgga ggaggttgca atgacctctg   60

```
gagatggttg agacanccna aggttacgcc aggatnncct gcgagcttat ggagctncaa      120
gttttcaagc taagtataca nattggtacc ggttgagnca atgncctcat gntggaatag      180
gtaccgatta aatgtgtggt tttn                                             204


<210> 2774
<211> 766
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

<400> 2774
gaacaatcca ttctcaacgt caacgtccac acccccccc cccctgcgt cttttctggc        60
cttatcagaa acctggttcc tcttttact cttgtcctct cttctttctt cctctttctt      120
caccgttcgt cttttcttca ttacagctac catagttttt tttatcatcc caagcgacgt      180
cgcgtgccgc ttcgggtttt ggttctgctt cttgtgtcct tgtaggcact tttcattccc      240
tctgaatatc tcaaagtacg cgcgtcggaa aatantcgct tgcccacaat gttcggtcaa      300
gtgcgtacga accggtcgac ggtccttatg gccggcaccg tcatcttctt ggtcgctttt      360
gttagcctgg cctacaacca tctcgacacc tgggancctc ctactgatgt cgctaccgat      420
accganacgt tcatcatcgg cgangcccat gataaacctc nccacganaa acctgcaaag      480
antgagcctc aacagantga ntntaaccac ggngccatgt tcaaagcccg aacaagcttc      540
caacgcttcc accgagcttg gcgactacta cttaactact tattgaagtc caaggttaag      600
cctaccgtta agaagtacgc gcctttgggg ggtttcccat ggagctnccg gtgaggccaa      660
ttggaccaca tggtggcnag gacttgnatt ttcganttgg caaccgncct ttaacgagcc      720
cggcaaattt ttttgaggnt tgatgaactg ggaccgcnta caagtn                    766


<210> 2775
<211> 258
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 2775
tgacttgaag cctctccctg gtccctttct catgacccctt ttttgtttca tttnccctgc    60
tctgtctttt ttcctnggga cctgaagtat tattcattcg gctcctntgg ttctacaaca    120
agttctacta attaacatct catttccagt cgtctntttt tttcctctng gcattttgac    180
acgatttctg tattctgctc tcgcagcaag tggggatagn agggaaccca ccaacnccgg    240
gctttaanat gtttgcca                                                   258


<210> 2776
<211> 168
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 2776
ngataaaanc tgncgggcng actccccntt caactccaga gantcagnca acatagacna    50
tttggcccna nagctacacc aatttgaacc ccccgnttgc gggtgcctat gttgggaaaa    120
tantttcttn acaanaagat atggcctngg gtgtanttgg agtctatg                  168
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<210> 2777
<211> 168
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 2777
ntgttnaatt attccaagag ttggagacna ttgcaaanaa tgctggtcac ttgcaaanct   60
nttataatct nntcttgatc aagagaatgg aggtgntaac agttttttcg aagaaaacta   120
tgtttgtata ncccnaccgc tanggggtt gcagatntgg acnacccg   168

<210> 2778
<211> 768
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

<400> 2778
ctcccaaaca tgattctcgg ttccagcatt ggcgcatggc agggctctcg aatcctcccc   60
cgcgaagcca aggaaacgtg ccgcaatgac atgcagtcag atacctgcga gaaacccgcc   120
atgtcaacag gcgaactatt agtcgttctt ctcatcgcca gttctattgt cgtctgcggt   180
attgttgccc ttttgtgcgt ctttcaccgt cgcaaacaac gcctcgataa actcgaagac   240
atcaaaggtg ttcaagaact cgatgactac ggcctcgccc ccatcaaacc aaggcctgta   300
caactacccc aagcaccacc accgacgtat gacaaaacgc acgagggaaa acccaacgtg   360
acgacagatg aaaattggga tcggacaaat cgaaactcta cagactcgtt aacaccgtca   420
cttcgccaaa gccatgggtg tcactgcccg cgatacactg tccaatagct agaaactact   480
gcgcattgga acgttttagc gctggtagtc gagctactgc agnctgtcga tcacttatgc   540
ataatcgcta aaaaggcgaa acgcatcaag aaactgggtc gttttgagac aggcgctacg   600
aatctttgng gncattgcac cccgcacttt gacaagtaga cggngattac gaggatnggg   660
ataggatttg gtatgggtta ctatggggtt aaaangccat nggtnttggt agggtcctgg   720
tttgggnaaa ggataacgat tntgccgcgg tttgaacggt tnctatta   768

<210> 2779
<211> 326
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(826)
<223> n = A,T,C or G

<400> 2779
cnngtctccc gttcctcatt tgatctttgg ttaagttaaa acgtaatcat catgccaaaa   60
gcactttaag cgtttggact gaagtacccg cttatacaac cttagacttc aggcccgaac   120
aggagttaga aaaccagacg tcaggtggcc caaacttttt accttccntt ctngagatca   180
gtttacntgt tccagcacgt tcatcgactc gctgtagttt tatctgtccn aattatacaa   240
tcgtccactc ccaatcgtat cagtgttcaa ggtatgtaca agctcagtta tttccaaagc   300
cgcgtctgcc tttgtttcac caccaaaagc tctctggaaa acacaagctg ggcattgatc   360
aagctgcaaa agagaagcaa gacgccttcc aagcaaacat tggacatttg agcacttttt   420
ggggccaat gctaaactat tgtgaccca attgggatct tggaaaggct gtctgtctga   480

```
ccggaccaac gccggtattt tcggtctctt ctcgcctttg ttcattctgc tttgtttccc      540
cctgcgcttc ctgtttacaa tggtcactgt tgcccacggg tcaatggact gggtaagact      600
tgaggtggga aggggccatg caatgtcaaa gaaccactgg cgtgggcatg ccccttgccc      660
cntcaatggg cgtgatcctg agcaaaattg tgnacttnaa catcggccat gntcgttcat      720
nggtctgntg tntggtnacg gcttgaaata accaagagtn acggctggcc cggcaacctc      780
atagttaatn gggcccatga acttggnaac cancttgntc caacca                    826


<210> 2780
<211> 443
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G


<400> 2780
ccgattcaaa aacagcaaat ttctggcatc ccttttacat cgccatttta acagcaaatc       60
gtttgttctt acaaactaat gcgattcgaa caaagataat acgaagccgc aacaaacggc      120
gtacgcctct tccaagacgc cctacctacg ggctactatc tcctggaaag aagacacctt      180
cgctcttcgc taatctttaa cgaacaaaaa ccgctttcaa ccccaacgct tgacgtacga      240
ttgatatttc gtactttacg actctcacca cacctagcga cctcagaaca ataataaaat      300
tcgatgccca gcgcaacngc ttccgganct gatacnggtg gttcgctcga tctcgcgatc      360
acaagcaggg ttaccaggga cgaacctta cccngaccag gaagcaccag ttttccgtnt        420
cnaaaatgca acccntgcct ttt                                             443


<210> 2781
<211> 130
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G


<400> 2781
nngtgggacc tcttgcngat ggttatctcg ncttttgnac agnacgattc cctncgttgt       60
tgttggtatg ctggaatgtt gtctggagca tncgctggga taagaccgat cgcttccgtg      120
aatactacga                                                            130


<210> 2782
<211> 632
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G


<400> 2782
gcgatggtct gagcaagtac ggcagtccca tcggaaccag ccccagccga tggggtccca       60
tgttccagcg acaaaaggag gaggaagaaa ccgctcgatc actccggggt gtctcggctt      120
ttggccatgt gggtagccca ctccganact ctgttctctc gcaagagatg ggaggcacaa      180
acggcttcaa ccgcccatcg tctttgcgat cgggaagcga cggcatgtct atgctttccc      240
aacaacttca gcgaactcgt ctcgatgaca ctaccagcaa ctccagccct cttcttcacc      300
cctcaaccgc cgggctggta ccaccgctag cgccattaac cccattagcc cgatcggcan      360
ggaacgtgag cgcattgacg tatgtgtcca ctggagcat aagtcnttca tgaacggcga      420
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ttcactattc catcacgnang gccacgagat gttcacatgg agggtatgga agacacggcg    480
attttgcaat caagtaccta anaggaccga acttggcttg ccggatgaac gtntgggcag    540
tttgcctncg tngttggaaa gtccagtcca acggaaccaa ggtgtcctgt angnggccgt    600
taacgactag gcttgnatgc ggagggganct nt                                 632


<210> 2783
<211> 504
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 2783
aaaggattcc acagtcggcc gcctcagctc ttggtctcgt caagagagac ccgaggttct     60
ggtcgatcag ttggttgacg tatcattagt gatataggcg agcatgcgct cgcagcacca    120
ttccaccgtc acaatcccca ttccgcgcca tattccaccc caggttgttc tcgactacat    180
acagacatat gaacctatcc ttcggcacaa ccctggcatg gtatcatggt cgccatcagc    240
cataaactat gacactgtca ttcatgacac cttttttcgac gcttcggacc ctaaccagag    300
ccttcgctcc tacnaagcct atgagatcgt taggcttggt ccggggggtgg aagggattg    360
cagatggccc atcatcttca gagagtacct aatggaatcg tgtcgaggac tgatgcncct    420
gcaaaggtca tcagctggac tcagtggtat gtgagaaccc cacaaaatga acaggaagct    480
tccagtgttt gggaccccta gtac                                          504


<210> 2784
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 2784
gtccgaatgg accaatgtct gcacatctgg gatgttagtc gactgtcttc aatagacaaa     60
aacacgaaag gattcccttc agacgcaagc aatattgcan acccgaagac ccgtctagaa    120
cctagcgtct ctgtgtcgag tatnaaattc ttcgaggaca gccctcaaac tcttgttgtc    180
ggcatcaagg cacaaggcct ccggatacac gatcttcgcg atcctggaag cattgtgact    240
ttccagacta aatgtaacaa caacctcaca atcgactacg ccgatcaaaa ctactttgct    300
tcatctgccc ttgaccatcc tggtgtaatg atatgggata ggcgggctac atcacggccc    360
gtggcatctc ccacatacat gcaagccatc gaaaaanaca agcttccgng gggnggggca    420
ttgcgtcttg atcaagtgat aaaaaccgat tctgaccctt t                        461


<210> 2785
<211> 352
<212> DNA
<213> Fusarium venenatum

<400> 2785
ttaccattcc gcccgctgag gtagagaagg aagattgcat gaaggaggcc cctgaggagg     60
ccgttgctga agtctaggag actgagcccc tcctccctgg cggaccgttg gtaatgaaga    120
agtcgccgga atttctcaga ctcaattagg cgccacccaa atgggtcatt tccaagccac    180
tcctggcgaa tggctgaaac aagaacatga agaactggat caggatagac aaaaaagact    240
tggtgcaaga cacaaaatgc caggatatag aaggcatgca cgtaataggt gagtaaccgc    300
aagcctagat aattgaaggc tcgtctagag aataatacac aaacgtacag at            352


<210> 2786
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<211> 194
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 2786
ntngcaggga nttgggggan caagcntgag tgtttnttat atcanggatg caaatactat   60
gggggcgcac tttatagaca tttagtggct tcataattgt acagacgagg gcgtgccagt   120
ctagatatct tggaatattc atctcaactt tagttaatag gnaggcatag ttattcaggt   180
cttgggaact aaac   194

<210> 2787
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 2787
catattngag cttataagtg gntgcatatg cccacttttg aatccctgct ngaatatngn   60
catacttagc ggatacctaa tctctcaaca tnatccccat ccctcataat caaaagataa   120
traacgccat gtgtttcgga agtaagaaag aagagaacga tgagccancg ccccgtcggt   180
gcagaggcca ncgtcatctc aaagtcaagg cgatgtgaag aagagnagat acaaccctta   240
aaacgatccc aaccaattcg cgggagagtc tagctattca gcgcctccag gaccgctcct   300
gatagaaaac aggcctcaga ctttgngcca cctccaggac caccacccgg tnagtcttna   360
tcgcagcaat actctgnttc tnctgggccg ncgccaagta aggtgggagc acagtacgat   420
gctccctagg atctccctag gacatggatc atcgtnacaa caatcngatg cttcttnggg   480
gccttcttca ggtnaanggg cggnaccaga atatgcgcct tcntttnggg acctccacca   540
aacatgactg ggaggnagna gtccagatac ataatatttc cacacctctg   590

<210> 2788
<211> 124
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 2788
caacgccgna ttntactaat acncttggng gccnatctct tcactgcang gatcacantt   60
ctactatnca ntaacentge gagnttactt ctacgagggt tttncaggag accantgcnt   120
cnnc   124

<210> 2789
<211> 554
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(554)

<223> n = A,T,C or G

<400> 2789
cgtctcttgg ccgaaacctt ctctgctgcc gacatccccg tcttcactta cctctggaac   60
gtttacgtca acggcctccc tcctattctc ggagccactc acttccagga ggttgctttc   120
gttttcaaca acgtcaaggg tgttggctat ggtgctaacc cctttgaggg caagcctgaa   180
acttttgttc agctcgctga cctcatgagc aagatgtggg ttgcctttat gcacgacatt   240
accccccaaca ctgttgagac tgcccctgcg catgtcgcct gcctcagtac tcactcgagg   300
accctctcaa cattgtcttt gacgttaaca agactgggct acctacactg ccgtgacgac   360
acacataaga aggagatttc tttcctcctc gaggatgttt cgcttaaac aaaagtcgta   420
agcgctatag catattgacc agatataatg tgtaatgggc cttgttcttg ctttcaccca   480
gagacatgtt tttaaaatag actanggtaa tctggcaccc ttgtattcat aaatagactc   540
tgaaaaaacc tttt   554

<210> 2790
<211> 472
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 2790
ncncagggtt ttcttttcca gtntagtntt gttttttggat ttttgtttng gggtcaatcc   60
cgncaaaaaa gaccanagaa ggcagggact tgtttgaagc atggaacatt ctggaggcgg   120
naaaagagca ctccaagcct acggcacgta tccaggacct tctgaggcag gtgatgaaaa   180
aacacaaggt gcctttgtca atgttgaaag caagggaacg gcatctccct agaccagngg   240
gtagaaatct tccacctacg cctaattcgt caacggcaat gatgtcaacg gaaacaacgc   300
ccagtgacgt tggagtttct tctcatgagt tgagtgatat cggattgaac atgaatttgg   360
actcgatgga ttgggaaaat cttntntggg gcttggaggc tcctatgttc tgatcaattt   420
atggatagna aattctaggn aggcattata gatgtgcatc ggagaaccaa aa   472

<210> 2791
<211> 406
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 2791
cgcaaagacc ctcagaagac ttttgaggaa gaggagcaac gacgtgccca acgacacgag   50
gatgtcatgg ctgtgggcag tcttatagga gccggggcaa agtcgggatc ttacaaacct   120
acacagagct caccagtgag taagtcgtat ctagcggatc gcatgtctaa ggattcgatt   180
gcccacaagc tcaacaagca ggcctcgacg cctgggaacg gagaagaggt cggggaaagc   240
agtggtcaac gccaggaaga acagggaagg tcctacggga ctctatcgtc tgtcattccc   300
ggntttttcg ttttcaagtc tcttgggcca aacnagcgtc ttatcancat ttccngaagg   360
cntggtngcg cccgcaccaa tgggnncaag aacatngntg taactt   406

<210> 2792
<211> 605
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

<222> (1)...(605)
<223> n = A,T,C or G

<400> 2792
gcctgaagac aatttgagac gaggagaatt atcatcgact ctcccatcca ctcacccaac   60
cacccccaag ggcttctttc gctcaacatc tctccctcct gcggtttcca ccctattaaa   120
tctaggccag gaaacaagaa acccttcgag gctgtgagac gaaccgatct agaaaaggaa   180
cagggaaaaa agtgaatcaa aaacaccttt actggtattt cgcttttcga ctatattctt   240
tttctcaact gccaattcct tccctccagc ttgcttgact gtaaaattcc tcggttgcgt   300
ctcaaaccca ccaggaattc caatctcaac tgaattcact ccctctttcg ctcccgcttt   360
cgctcccgcc gccgacgaaa agcctcccat cgaagtgccc gctcccttga ttcacttcat   420
cgaagcaacg aanaactagt tcgccaacca aattccccag tgacccttcg gaccctagga   480
aaggagaact atncgacaag agagttatcc aacttttcag ccatacgcac aatcgcaatc   540
aacccgactg tcgactttat cactgnaatt tcgggcggac tgtttgggtg aanccanaaa   600
gttac   605

<210> 2793
<211> 314
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(314)
<223> n = A,T,C or G

<400> 2793
gacttaaaga tgagctgccg agttgagatg caaggacatc aattgattga ggctggattg   60
tcttggttga gggtgancct ggtggtgata atggcgaatg ggtcgatgtc gctttttcgg   120
acatggttgt gtctgtgatg gaagtggacg cagtgatatc ttgttgtggt gttgcctctg   180
tatctctctg gtgacgtgct gtgtgaggct cgcacatggc tcgagctaaa ggctggagat   240
gacctgcccc atcaaggttg aaagagatag agatagagtg gttgaatgat tgattgaaga   300
aaaaaaanaa aaca   314

<210> 2794
<211> 556
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

<400> 2794
gaagttgttg ttgcggcgag gtaatcaaca cgattcagtg ataacaatct caagacccag   60
gcgacctcat cccacgcctg gngacgaaac tcgccaatgg gattttacga ttttaatgcc   120
cgaacccttt taattttcga ccttatactt ttttttctga taacaacttt ggcattcatc   180
ggcacagcga aatggcgcaa tgcgatgctt tacaacggca gatactggat tctgacgcag   240
ggccgtcagg gccaggcggc aacctttaat aatgggttca aggggccatc gatgtccctt   300
tctaatgtat acctgcggaa ggacaaaacc ggacctgaat agagtaatgt atacaaacaa   360
gaggaggtta atatgtgcat ggatatgcga tcacgccatg tcatgcaccg attcgctcgt   420
tagagagctt ggatgactcg agagggacag gctttacaag ctccctact catgatgagg   480
aggaaacaat gaacgaaagg gaaaagcggc tcgcttgccg aaacctggtc gatcctggan   540
aaaaaaaacc caggcg   556

<210> 2795
<211> 267
<212> DNA
<213> Fusarium venenatum

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```
<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 2795
ntgtcatcng ctacctatgt tcttgggatc tgatactgcc aatgttcgat accgggcttg      60
gtttctgatt ggcancactt ggatnggtct nggtaccatg accaacgctt acattaatgc     120
cnacgttggc aagtgatacc cggtcgaaca ntgcnatttg gctnaacgtc atgtttggca     180
cattngnggg cttatcgcta ctttggncnt taccttgaaa aaggataacc caactacccc     240
attgggaaca agattaantg ggccgcc                                         267


<210> 2796
<211> 574
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G


<400> 2796
gcttgatgtt tncagcttgt ccttcaacga caccgacaac ttcatcaagg tccgcaactt      50
cacccttcac aacactggta aggaggaggt tgctctcagc gtctctcaca ttcctaccaa     120
gagtatttac accctcgaca aggacagtat ttatgcttct tccttcctca acgaggctgt     180
cnatgctcat gctgagctcg agttcagcng aggccaagct ttccattgct gcgggtgaga     240
angtcaccat tgaggttatc ccttctgctc cagaangtct tgacagcaag cgtcttcgct     300
ctttggtctg gntacgtcgc cataaacggt accgnaagta tctctgtctc ttcctttacc     360
agggcttttga caggttctct gcaacgattc tgttgtnttt agggaactga cgatcatgga    420
tcgncaagtt caacgacaan ggacaacttt actccctgtc cccgnncaac acgacttttt     480
nattcttccc ggttaaaggc ccanaacgcc actgatgntt nagcctggnt cccgcttctn     540
gntttggatg ctttgcgctt cggttnaagc caaa                                 574


<210> 2797
<211> 157
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G


<400> 2797
ncaaagtccg gcccanggtt ccccgctttn ttanaatacn ctccccnggg gaaananttt      60
ttctacaacc nccnatcttg ggggtctttt nttnataaaa ttgccattnt tgnttttana     120
attcagcacc ggtttccncc ccaaaccntt tgggtnt                              157


<210> 2798
<211> 603
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G
```

<400> 2798

```
acggcagaag ccaaactcat ttgacgacga cgagacgacc aaagctgctt ataccagtca    60
cgcctcgtcg ctganacgat tctcgcctcg acctttcgct attaaacatt ttttacttct   120
ttctttgtct cttctttcgc cttattccgt tcgtaattcg ccaatttccg tggtctcact   180
cgcttgccat caaaccaaaa gtctattcaa agaataacct cacgcactct aaaagccaac   240
ggctaccgct ttcgccgact gttagttgat taaccgcctt cggattcgca tagtttcgac   300
tgtttaagaa ctggntggtt cgcacaaaca acgacaacca tcttccgacc gaacgttccg   360
actcgatcgc tggccataat aatcgcaact cctggaaata gtggcgncac gatgtggtct   420
tgcatcatga agccattggc ggcatcgcct cggnggctgc tctggcatcg cccgtctcgg   480
gtganaagat tctntactcc aactcctcaa caggtgccaa aanggacaac ggattcaaag   540
ccncacnttt tcaacgttgt ttttgacacc aaacaacggg ntccgctacg ttaanggcgg   600
ggg                                                                  603
```

<210> 2799
<211> 559
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

<400> 2799

```
cggcttgatc ctcatgggca gtccttatcg cgacatcgtg gttcgcactc catggtcgtt    60
tctcgcagcc aanaaagtcg tcgtagttcc attgtgaccc cagcagtcag cgtcagcgac   120
gcatctgaat cagcagattt gcacgagcgg cgaagttcac agagtccccc acttctcatg   180
ccaccaccca ccacagcagc tgacgcattg aggcgaagag cgaccatatt tattctccat   240
ttcatgaatc ttgcaggctc gcactctcca ttactaagtt acatcatccg cctgggccta   300
tttggtatca aagngacaac cctcgtccgt ccttgctggc ccctcatggc agagctgaac   360
gtggntattc ctctcatcgg cgtagcggct ctggaccttg gtctaccgca agtaacaagc   420
tattcccaat gatgatacaa ggccacgggg actatttttc aaagtggacc acccncatgg   480
ggactcggta tgancctaan ttctccttgn gtttcacttc acngggctgn ggggttgcct   540
ctgggnggga aacttttt                                                 559
```

<210> 2800
<211> 582
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 2800

```
gccattgagt ccaacaagcc tgtccctcaa cacgccatgc ctcttctcgt ccgaattctt    60
acccaatggc cctattcaga ccgtctagct ggcctcgatc tcctccgctg cgtggcaaag   120
tatcctcttg cgcacaggtc tctgatccac agnagggctct nttctngaac ttggtttttgn   180
ataatttntg cccaaaggcn aactccnaan gagaacgcag ncatganggg ccttngtact   240
ttcgnaaaca tntttntccat cgccaaggc cgtcgattg ngagcgctna atcgggatga   300
agcaatctna ttcttggagc gcgcgttggn gtatnatccg anctatggga cccttgaacc   360
gaacgtttta ttgnggcacc aaagaagaat aacctttagt tttgnacacc gggagcgttt   420
ttnatccgaa caacgggggg ctactatntt ttggacaatc tttttggga nggnagagga   480
ttaaaagtnt aaccggccct tggggggtng ganatggttt tagataaana tgancagcaa   540
tttggntaan gggggaccag gngtgagacc antaaaaaan gt                      582
```

<210> 2801
<211> 193
<212> DNA
```

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(193)
<223> n = A,T,C or G

<400> 2801
ngccangatt tnttcngttt tccaagccag tttnaaatng ggnacaaagg gantaaaanc   60
cgggnaacca gcnatgttnt acttgagttt gcaanagaaa aagggtttgg agaaancttn   120
taaagtngaa aaccccaaan acttcaagga anccgcangt ttttttaaaa aggccggtcg   180
gcaggattng gac   193

<210> 2802
<211> 353
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 2802
gggtcagcga agatagccag aatgacagct tcaagtcggg gngggcgggc cgttcaggct   60
gtgctatcca cttctcccaa cgtctgcgct cgatgcgctt cttcatcctc ctccgccctg   120
cctagaatcc ctgcacgact ctactcatcc gtcgctgcag ccgtancnaa aactcccacc   180
gatgcctcgc ctccctnaaa cgcacccaac tcgccgcctt acnatgttcg ttctggagtg   240
attcttactc gaccaccact ggtgacacgg aaacttcacc cctttgagaa ctccttnttn   300
ttttaccana agcgtctcga ggaacgtctc aacactccct tnatcacggg cat   353

<210> 2803
<211> 537
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 2803
tggggcatg gggaggtgga ggttccgtct gatcgtagga cggcggtggt agctcttgat   60
ggggatcgtc tgcatgaggg gcgggcaatg tgacnatttt ggcgcccgtg ccgctaaaca   120
tgctgacaag atcatnttga acaacgagcg agacaccgct gccgacagca tcgcanacgg   180
gttggagttg cgccgttaat gtgcctgagt ctttgatata nattgaaagt acggtaatgt   240
ttgcaagttc gtggatcgcg tctaggactg tccctgattg tgcgcgcaga ggagccagcg   300
gctcgtgagc ttctgctgaa acgaggactt cggggtgtct attgaggcgg aagtcgaaac   360
aaagggtact ggagtggaat ttgtcccnca caccactagg aattgtagga tttggtatga   420
tttcaaatga aaaaatgaat gaaggagatn ttcttgagga tcaaaagtcg ggccggtctt   480
tatcctga ttctgatggg tatatttaac tgaaanaatn tttctnttct ttccaac   537

<210> 2804
<211> 563
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(563)

<223> n = A,T,C or G

<400> 2804
cgcaaaacac ggcttatcta gggaacgtca cgcgttaacg ttcttctact ttacactcac   60
acacagaatc tgactcacta aatcaaatgt cgcataccag cttaaattgc atttacattc   120
aagcttggtc tttgactgtt tgatacaacc cattaccgcg tctgcaacct ataccagagc   180
ttgcgccct ngagaactcc gggtttcttt nntttcgcag cgcatctctc gttgcatcgc   240
gaactatttt tttacatttc tnaaattttc gtcctttatc tcgacctgcc tgcctaagtg   300
aaagtgtttt gaggcaccca agcactcgcc aaaaaaacat gacggagatc gaaatggatc   360
tcgatatggc caagtcggnc ttagacggcc gaaacgaaaa cgagatgatc nattttgaca   420
ccgaaatggc agactcgaat caagactttg agaagttgga tgttaatctc gaaggtgcgg   480
atagagagat ggaaaaagac gagnatgttg tggaccaccc ntcttacaaa cnaaacggna   540
ttataggcna aaacctcnaa ttt   563

<210> 2805
<211> 427
<212> DNA
<213> Fusarium venenatum

<400> 2805
agaacggcca gctccgaaat cgcatggaag gtttcgagat gatggtaatg tctcgagatc   60
agggaccacc agcaggcgtc tgggcataga ctgtgtttac ttgattatct tgtgcacttg   120
ccctagactt gtttttttag aatatttgtt ttcttttttct tttgtgcgat attatctttt   180
ggatcgacaa actggaaacg caacgcaacg cttcaagctt gtgtgattga cgaatcatga   240
tatccccggt gtttatcgtt tttacaaact cggcgtttat gaggatatgg gaaaggcatt   300
ctgatgatat cttatggcgt cacaaaagcg agctctgtgt gatgagctgc ttgaacaaaa   360
atatgggcat tccgaatgga atagtataaa caatatccaa tacacattta atggtttgca   420
aaaaaaa   427

<210> 2806
<211> 554
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(554)
<223> n = A,T,C or G

<400> 2806
ttccctgaga aattcaattt tattgctgtt cagtttataa tggagataga aaagattccc   60
gtttcgtgga gtgatcagcc aaatccgata ccgaacctcc gtacacgaac cttcttcatc   120
aggaccatc cacttgacga gaaagaactg aagaatgggc ttgaaacttt gattagaaag   180
tattggcgaa agttgggtgc tcgtttggtc tcatccgaaa agcaaggttt agagtatcac   240
ctcccgcatg tgttcctaga tggttatgag cttttcaatg gtcgtcagtc agtgctgggt   300
tttcctacng cgaaacatac naaatgtcga agatcattcn tccgggagac aatatcgcgt   360
tcctaccagc cgtggataag attgacaagc tggntcgggc tccagactgg gcttttgagc   420
gccaagatga tccaccccac tctccgctgt tgtttattcn cttgaccaat ttccacnacg   480
gagcantttt ggggatcagt gttcctcacg ttcttgncga tcaggggggg attgggccat   540
attgtcaagg ttgg   554

<210> 2807
<211> 751
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

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<400> 2807
```
caaaatctac gcacgtcaag ctttatatcg actcattccc tctagctgcc ctcttatcac      60
caacgtctca taacatcttc cattttgcgc ctgcaaacaa acaacaacct gcgatttcac     120
tacagcagga taaccatctn agaattgcga catcactaca acagttgaat aacgatatgc     180
agatcacttt gaacaatcca accataccac agctaaaatg aattcacgac ctgtgaagca     240
cattgatcgc gaggatctct acaccaatct agaagctcgt gttcaatatt tacactcatt     300
cctcgacttt tctagccgag acatcgaagc tctcatcact ggcgcaaaat acgtcaaggc     360
tcttatcccc gccgtcgtca acatcgtcta caagaaactt ctccaatacg atatcacagc     420
ccgtgctttc acaacacgca gtacctnctt cgaaggccct cttgacgaag tgcccgacga     480
gaacagtcct cagattatgc acaaaaagat gtttttgcgg gcttatctga tgaagctgtg     540
ttcgggatcc caaaaaaaaa tggagttctg gggagtatct gggacaangg gcggaatgat     600
gcaccgtggg tctttgggcg cangcaccct ctttacatgg nggtacgtcc attcttgggc     660
gtntgccttg gcttnattcc aggatatcat ggaccggaag nccatcctct cgcattctcg     720
gngtacacat ttcagcgcca ngaacagccc c                                    751
```

<210> 2808
<211> 382
<212> DNA
<213> Fusarium venenatum

<400> 2808
```
ctgacgacaa atgcccagag aagcgtcgag attgcatatc tgcttaacaa tatgaattat      60
ccacttgctt aatcttcgac tcaactggaa atagagtcag agctccactg taaacagtca     120
gtaaggccaa aacagtcatg ggtccgctgc tggcttattg gaggcgtgcc gacaagggaa     180
gaaagggtca ctgcggatgg gattttgggg tttgagctcg cgctattgtt attgcaggca     240
taccaaaacg acatggaatt atatgtggcg gagacaaatt gcgttgagta attcaagatg     300
aaataaatca tcttttcaag ggagaagaca tcgatacaaa ggggtttatt tcaagcctct     360
tgaacaaagt tttctcgatc tg                                              392
```

<210> 2809
<211> 361
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 2809
```
aacgaagtcc tcgacaccaa cctnaagact cagcagctac atgtcnctgt cgaggctgtc      60
cnagccagcc ttgaggatga ccagcacccc cgtcccttta tccgcgaact ggttgccctc     120
cgtgagatcg cttntgatga tcccgttgtc aacgctgcta tcngtctcag ttaaccctgc     180
gggcttacca agcgcggcat ctctacctct tcccagctga ttgaccgttt ncgccgtgtc     240
nntaacgagg tacagaaagg cttcgctact tgcccgacga ggccngtgtt gcagccacnc     300
ctccagctgg gtctcagcca catcatggtc aaagaagcag gnacttgctg atggtaacga     360
c                                                                     361
```

<210> 2810
<211> 310
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G

<400> 2810

```
tttttttttt tttttttttt tttttttttt nnaccgagta ttaacaatat gttttgtaca      60
tgcatccgtg atctaactta tccanacaac cncccgtcag cattatacgt anccaaacta     120
tnaaaccccg nggcatcctg caatccactc aacttntcct tnaaatactc cctntgattc     180
tgatgaatcc tatcaaaact caacaaaaac gtaacaagaa acaaaaaatc ctccaccctc     240
gcctcnacat cntgntgttc cccagcgccg gnaggcaaag ccaatacatc cnccacagng     300
gtcgtgatct                                                             310


<210> 2811
<211> 222
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G


<400> 2811
natantttg ggaagntcac atcaatttat ttaaaatggc tcctattgcc atggccnagt       60
tcggttatcc naaaaacacc ngtgcttctt tattaaagta gcacagcaat attacatgga     120
agcacatnac tttttttggt tttaagttgc cacatttgna cggctcactc gcatttagat     180
caggcgcaca tatttgagct catataccgg atattctttc tg                       222


<210> 2812
<211> 202
<212> DNA
<213> Fusarium venenatum


<400> 2812
cacttctcgc ggtgtctacg agctcaagtt cttcaacgtc gtcaacgacg aggctgacga       50
ggacgacgag taaacgaaac aaattgcaat gcattgcaac ggcgcaggaa tggattggtg     120
aattgggaaa cgggatcgaa caaaagtttt aaggacttgg ccaatagacc cagccatttg     180
tgtggcactc tttgtggtgt tc                                             202


<210> 2813
<211> 605
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G


<400> 2813
tccacttggc caangcaccc ctgttggcca aggaaacaaa aaaggcccgt tatgggcgtt       60
tangaaccct gtggttcaaa cacacacgat gcctcancaa ccacaggctt gaggcacgtc     120
agccctgccg gttcatcatt acttaaacca gcaccccttg aacggcattc cacaggccaa     180
ctgttggtga ttggagagga aggttgaacg attaccgtgg gggtacgccc gtttcgcatt     240
caacttattt ggaaatctgc tcggtgacaa aaataacaaa tgtcgccaga cactcagcat     300
atgctagcag gggaggaaag attattggag tgcattcagg cgcatggagt accgggttut     360
tgatnaaacc ctggtgattt gggacaagac ttcttctaac gttttatgtc atgtaatatt     420
tgtcaaaatc cagggcttg ctttgtttat acatggttca agtgactctt gtcttttgat     480
atctatatct ctatttgtng gngcgggccg agaggcttgt gaaagtgnac aagcaaccga     540
tcatnccggn gggcaacat natcatccat aggctgggga gttttgggaa tctttttta     600
cctgg                                                                605


<210> 2814
<211> 123
<212> DNA
```

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 2814
ntgcntgctt tcntgttatt ggggcgatng acncaccctt tgntaancta tatggcccna   60
naacacaaag gaattgttaa ctgttctatt ggngcngtgt tttggncact ancaaccant   120
cat   123

<210> 2815
<211> 606
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 2815
ggagcccagc tctgctatcg tcttttgagc atccattagc gcacttgtac ttcccatacc   60
atcgggtccg agagtcgggt tcanaaaacg atggaagccg aagatggtac cgtgcctctg   120
gacnaaacct ttactgagat agtcgagcat tgngggcgtt cttaccaaca ttactccttg   180
aaaaacgata cttattttgc gcctatcgat gaggtaggag tgaagacgct tcaatgtcat   240
gttcttcaac anaaaataat atatctcgtt aggacaaant ttcgcgtctt gagatgatgc   300
atggagtcct cagcggcttt ttgacaggcg tttatattcc ctcctatcag gctccncaaa   360
aagtgcttga ttgcggtgtg gtctggaact ggccatggaa tcctaccaaa ccctgatcgg   420
aggtnttggc tcatgtagcc caccatgatc caaaaaccct ctgcaatatg ggcttaggtg   480
tgacttgacc cganatcaca tnaatccacc ctttgnntgg tcatatcaaa ngngccgggg   540
gatcctgcaa ttgtggaaac ttttccaaaa tttcngtttn aaccnggggt gnggaaatgc   600
aaaaan   606

<210> 2816
<211> 312
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 2816
nttntttat aacactccat tcccttctgt taattcagcc cctngacgga aaaagacgag   60
caattgtncg actttcggcc tgtgcctcgc gattcanacc cccgacgaat aatcaagaag   120
cacngatnca atcgcaatcg agttacctat tggaactatn tcccgtacga taccataccc   180
gatgggtcg tgcctatcga taaattcgc gtcgtgcctn tactngagct acctttcatc   240
aaccttgttc tacaagagct tnacatcctc gncaggttga gcccatcaca aagactcaat   300
cgcccataat gt   312

<210> 2817
<211> 311
<212> DNA
<213> Fusarium venenatum

<400> 2817
cgattttcat atcacttggc caacatatac taccaaacac cctgttaaca tggttttcga   60

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```
aactactcaa agtcatgtac aggctgatga ttggcgagct gaagcaatcg gcctgatgtc      120
tcttattccg gatacctgtc tagctgcagt tgacaaaaat catgaggtca agctcatgtc      180
ggctggtccc ctcagttcat catagttaga ttcatccttt tcagtccgtc tttcactcaa      240
gttacatgaa accattcatg caagcgtgct tgctttgaga tttcgaatag atactccacc      300
acaaaaccat g                                                          311


<210> 2818
<211> 367
<212> DNA
<213> Fusarium venenatum

<400> 2818
cgaaaccaac catcggagcc tcccagaact ctcattaacc gacttcaaga tgcctctcgt       60
cgacgccaag aaccccgttc ctcagtacca gcgttactac cagaacgctt acaagaacca      120
cacccgtctt tggaagattg gccctcgcag ccgtatgctg atgacccct acctcatcct       180
ccttttggc accctcggcg cttctttcta cggcgctggc cgcaaggtcc ttggatacaa       240
ctcttacttc ggaaactaag atacgtgggc tgcctagctt attatatagc tcgacaacga       300
tggagggcta gtgtgatcaa gtatggagtg aatagaagga gatgaatcca atctgatatc      360
ctcgcgg                                                               367


<210> 2819
<211> 233
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 2819
gaacgctgta tgacagacag ggagcgatcc agagcggtgg caaaaccgac tggtactcac       60
tcaagccccc actgctgcgg ttagtacntt ttgccgatga cttaaaatag acgaacgaag      120
cgcaaaaaga acgtgggttt gtagacagtc atattgnaat cgtgggcgca gggcggacct      180
gtcacgttga ccattatact agacggcttn ttaagaacaa agacttgcct tgg            233


<210> 2820
<211> 285
<212> DNA
<213> Fusarium venenatum

<400> 2820
ttcccaaggg ctgtgcaccc attcgccttg tgccccagtg cgacgagctg gagtctctcc       60
ccaagggatc gtactcgagc cacaagtacg ccctcgactc caagtgctac caggacgtct      120
ccaagattga gtggaagaag tacagcccct aggctgagac ttttaaatta ataggaaaca      180
acgagatgga attaataatg atgaatgggt aatgattgct tttggatagc ctctataatt      240
agcattggca ttaatagctt taatattgta caacacatta tctgt                    285


<210> 2821
<211> 296
<212> DNA
<213> Fusarium venenatum

<400> 2821
aggtcctcac tgccccgttc gtcattcgag cactgtccct ctccaagcac ggcctcctac       60
cgacaatct ctcatcgcgc ctcgaaaaag aaacccaaa cttttacaag tgggcgcagg        120
ccattagtaa ccatgccagt gtgctagaga tctacaatga ggacgagatt gtccagggaa      180
ccaagaacaa gagggcccag ctccgagccc aaggctaggc taagcgtggc tgtgcttgac      240
tctagatatt ataggacagg gttttgtttt tatgaattgt ccccattttc ttgctt         296
```

```
<210> 2822
<211> 133
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 2822
ngnaggaaaa ccanaaacgg ngntgtttct tnacanaaaa aanagggncc ctttttttggn      60
tntacaaaaa aaangggtgt ttttctggna cccccaccnc cctnttgtta cggccgcctt     120
ggctaaaaac ngt                                                        133


<210> 2823
<211> 495
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 2823
caaatttcta aactccttca tcatgggctg taacaattct cgccatgttc tcgagatgga      60
atctcgtcct gttcgtcccg tcaccctctc aagtcattca gctggttctg caatgacatc     120
ctccaccatt tttcaagact accccggact acgccgacaa caaatcatcg acgccttcca     180
aaagatggcc gaatatttga acgagtacgg tgtaagcata gattgtgtcg ctgtcgatgg     240
cgctgtcaac accctctacc ttcgctcaag agactcgacc cacgacgtcg aacttcttct     300
caacgatcct tcttcaaaag aaagcatcct tctcaccaac gctgctagct tcgccaacag     360
tcaagcccaa ggtcgtcttg gtgagacttg gctcacagct cgatgcaact gttctgccgc     420
gaaatgttca nactctcttg tcgaagaagc aaaacccgaa aganatgtct tgaacatcag     480
gaacaatggt ggtct                                                      495


<210> 2824
<211> 537
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 2824
cttgacacct ctcttaagtc cttccgcttt cccaccctca tattcaaccc cagcacctcc      60
tccttctccc gaaagagatt cgagcttctc ccgtagttcc tggtccagct cttcacttgt     120
aacttaagt gcggtctttt tgattgcgtc ttctgttggc gtaacttcct cctgtgttgg     180
ctgagatcga ttcatgggtt gagattttgc agtgtcggat acagcacgca gagaagttgt     240
ttggattctt ctgaggggga cagttgccct caaacttgat gcgaagatac agcgcctcat     300
ttttattgtc ggattgatgt tgacggaatg aggaaatgaa atgaagaaat aaatggccac     360
tgctggttga cgttaacgcc agaatttatg ctgactaagt cttgtacgtc attggaagat     420
ggcatcgtga cagcataatt tagtcatttta tttacattgn gatgttggtc acctatttga     480
aggngcgatg ttttgttatg aaaaaattca attgnaataa tactttatat cttcatt        537


<210> 2825
<211> 746
<212> DNA
```

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

<400> 2825
caagaagaag ggtgaactgg agaccctcgc cgagtctgtg ggactatcag cgagtgagta   60
cctccgctcg tctcatcatc accaatcacc atcatactgc gcgtcttctg tcgcacacca   120
acaacattac gacacgtaca tatacatcaa gctgaaatct acattttgga gtaccttttt   180
tattttattt ttaattccaa ttacacacac tcttcacgac tcctcaacat gtctactcat   240
agatacaact catggttaaa gaccaagaag aagggtgaac tggagaccct cgccgagtct   300
gtgggactat caggcctcga cggtttcaag aaagacgacc tcggtgtagc tcttgacagc   360
tatctcacag agaactcgtc gcgctttatc gccgatccag acctcgctgg ctacttcaac   420
agtcgttcca aggctcaagg atccccgatc aagaaggaag tcttccgcga agacagcgtc   480
aaggtagttc gacgaaggcc ctcaaagcct gtggaagaag aatcacttga ttcgagtgac   540
agaagtgaca ttgcttcttc ttccctagct acatctactg ngcttgncga gacttctggc   600
cgtacactgg cgcangtcgc gtngagcatt acgcttcatg cgctacctgn gacttctggc   660
cgatgtaact tttggctggt gaaccgctca accagcattg tgcgccagcg cgtntngtca   720
atgtccaagg aaggnggatc actgaa   746

<210> 2826
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 2826
aagaatcaat gacagaggag ttcgaggctt tggatgaatg gggctggaat accaagggcg   60
agatccatgc caacagttat atacgagctc gcttcttaaa gtcctatctc ttgggacgaa   120
gtgatagaga ttgcactttg taatgacact cacgtcacgc ttgattatct tgaaaacacc   180
aaggctcgag taaaccagtt tttcttcgag atgccatcgc atttgatttt tgcctaccaa   240
aatcttgatg acccggatct tgatataaaa gttctttact tgagaatctt gctctatttg   300
agccataaga aggatatctt cgtggtcgaa cgactgttga tccagcatgg ggcgatcgat   360
gatggctctt tgctgacaac cagttttgat ttaatcaagg tcacagttgt nctttgggat   420
acacaagaac aaattcgctc ctatgaagcg aaattttgaa tggctactaa ttgcgtttgc   480
tgctcctggg ggcggcattc tgtgtcnaga attacttcgg ccaactttct ttggtgttca   540
ccctctgaat cctgctcttt caagatcaat ttcntgcngc aactcacatg   590

<210> 2827
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 2827
gctcgcatac tgaccgcat actacaatac tgccgtgctc catcctcgtg catcgtccag   60
acattggacc caagtctcgg ccggttgttg tacgactggg ccgactcaaa aagaagccca   120
ccccagtcaa gtcaatgtct cattgctgtt tataccgaaa gaagatgcgc ggttttttgg   180
caaagggagg tgtgggctga ctctgctgca agatggaaca cgggatgggt tgtacagcaa   240
aatgccatgc ccatggacga catgagtgag aactgagaaa tgagtgaact caactcaact   300

```
caacccccatc tcgtttctcc ccatcccatc catcctagtc agttccatta atccagccat      360
gagccggtcg accgccggat ggtatcaaag accaaaaaag ccacgtttac aaattagagg      420
aaacaagcat cctacgacat gcaagatatg ctgctatgac ggtcaagaac gggtttccta      480
gtccatttgc tcgtctgtcc attcacgttg tcgtcaaaat tgccgatcag ggattggggc      540
tttgatgtgc cctnctagaa tcttttgnca agagatttga ttttctncga gaggcc         596
```

<210> 2828
<211> 496
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 2828
```
atctgtattt attcccgtgt gtccgtcaca accanatcct tttttngtnc ttttcctcna       60
aaccctcttt tcaacctgna tctactgtaa acaancacat ntcaccatgg acgccataca      120
aaaacagttt acccttctct cccttggtct tttcaccatt ggggtganaa tggttgtnag      180
gacgcaacaa tttgggtttg caggatggca nttggacaat tacctgatgc caattactgg      240
tctcatcttc actgccgaaa cggtagcagc atacctcgtc ggagcnaaat tccaaggcct      300
tacaaatant tacatgacgg atgaggaacg nccaacatcn acatgggcgg anaaaaacac      360
tacaatcgtg tctggggatc caaaatcaag tcataggctg gtccttttat gctgtattct      420
ttggtgtcnc aantttgcgt cactgcttct accccgactc acatcgggct tgtccatcta      480
agaatcgtgt catgtc                                                     496
```

<210> 2829
<211> 591
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 2829
```
cattatcatt acaatcaata cgcccaaaag gtgaacctgc aacatggtcg gtgtcggaaa       60
accgcgactg gacaaatatg acaagatact ctcacggctc tttgagaacc tcgccctctt      120
tcacattctc aaacgagtag atggccctca cgctgccaat gcttatgttc ccgccactct      180
tcaagatgct aggcgtaggt tcttgaanaa cttgagcttt atctgcgatt acagaaaagg      240
gggagatacc acgacttcca tggctctcga ggacaagcan aaaagtgtcg tgttctggat      300
tgcagcaaac ttaactccga atgataaagt tatatcgttt cttaccgaag tnctcaaatt      360
gctaagagag gaacctaaag agaccgaggg agagcaaaaa gttttgaaaa ataaactcgc      420
aaagatatgt gccgagtttg ctgcnccaag actaaaaaaa gagtgcaagc tgntcacaga      480
gcttccaaac ctgngagaaa gtcctcaagt tagatactga cacagttcaa cagcctggaa      540
aaaacncatt gttgaagngg ntgtctaatt ttnattttcc canaactgga t             591
```

<210> 2830
<211> 302
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(302)
<223> n = A,T,C or G

<400> 2830

```
tctgacttgt gggatacagc ttntgggcag gggcctcgtc gccaacgcga tctttccgag      60
gacgagcgtt tggagaggtg gacagttatg ctcatgacaa ctgctggtat tcttgccttc     120
agaaacgatg ccgtaggatt ctttgcgggt atgctttgtc atggagcgta tcgcctctcg     180
gaacaattga cagagaggta ctcatatcgc acttctctag tcgagcgtga ggccctgctt     240
cgttaggtat tcaccgtnct atcggtgtgc attgagttaa tagaattngc ttattcgcga     300
cg                                                                     302


<210> 2831
<211> 436
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(436)
<223> n = A,T,C or G

<400> 2831
ctgatgtttc gtggctcgag gttttcgcat actcgggagt cagcgctgcc ttatgcgcaa      60
ccatctgggt cgcggcaaaa gcatgttgaa gatccaatgt cagctttcca acagacgcag     120
accaatatct caacccaagc caactgaaga gaatgcctgt cattaattcc ggcatttttg     180
cacttcgggt ccacgaacaa atcatactcc agccgggttt cgttccgaac gatctttaca     240
aggaactgca atatcttttc ctactcaaaa tcaacactcc ttcattatga tcaacatcgt     300
gtgtcgcgcg gaccggacaa gtcaaatcat gtaagaatat ggaggaacac agcacccgat     360
tgacaaccat gattncagac tacttttggt caattgattg gatatatatn cttagataag     420
ggtggcttat natcga                                                      436


<210> 2832
<211> 479
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 2832
caccatcatc cagcaatcac aagcatctct cataatcgca actctattac agcttcagct      60
cgatcaatac cttacacaac ttcaaccaat cacatcaatt tatttaaaat ggctcctatt     120
cccatggtca agtccgctgt tgctcccaag gttcttccag tccttatcgc agtaggaagc     180
atctccatcg ttggcggcta cgtccgctct caactcacca atcaatcacg cacattcgat     240
cgtcaattta gccagtacaa caccaacaag agcgaatccg tgagagcaaa gacattcaac     300
ggcgctgtgc ctgatcctcg aacaagtctt ttcaacgtcc ttggctggtg aactcaagat     360
gaaactgtca tggcgtttat gggttgggta atctggattt ggatttgagg cgttttaaat     420
ctgccttgag aaaataaagt tacataatta atttaaagac tntcgggaaa aaaaaaaaa     479


<210> 2833
<211> 486
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(486)
<223> n = A,T,C or G

<400> 2833
agttagcaga gcagacttgt tcgaaacact aagtcaatat catgaacaag acgcaaatct      60
gtctcagttt tggcaagaaa cgcatcatgt tccgtcctgg gttgactggg aacaaatcgc     120
```

```
tagggggtcag cacttcttct accgatacgc tctcgcaaac ctgattggct tcgcctttca      180
aggctttgta ggcgagaatt ccgcttcaac aagtgtggtt gaagtacttg cgcgtacagg      240
cggattcagc acccgtgtac tcaggagacg cctcctcgag acctttcaga tggtcctcca      300
agtcacacac tcccttgagt acatcaaacc ggggggctcg ggtcacagct cgatcatcag      360
agttcgtcta ctgcactcca tggtcagaca gcanatcctc aaggntgccg catncaagtg      420
ccggttcttt gatcaanaat ccacggaata ccaattaaca cttttngatt ccatccacgc      480
catacc                                                                  486


<210> 2834
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 2834
aactaagtca aacgttgacg acaacaaacc cccaatgtcc cttcctgcgg cgcttctcct       60
tttagcagaa ccagccaagt tcttcccatt cgttacatcg ctcgagaaac gaggctatga      120
ggtggtttca ggcggtcgcc agatgctcgt tttccgtgaa gtacgaccac agtcggagga      180
aactagattt gatccccttg atgagctgtt ccgtcgcggc ggagtctttc ctaccacaga      240
tggagagacg ttccagagct ccagacgtcg aagaaactct gacgaacgca aaaagaagat      300
gggattcggc cgcaaggttc tggtgggaac tgttgggatc gcaggaagac ctttgcaacg      360
accacgttgg tggagtattt gagtaccaag gggataagaa cggagactaa gcagaccnac      420
aggtctagtt ccccgacaat agtattattt atgtgcagct tcaaggacgt tgtttccngg      480
gttttactca accaaacgtc tacgggttat canttttgt tttggaattg gcacaattgg      540
gacaaatctn cnctcaacat gtcttttggt tataggag                              578


<210> 2835
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 2835
cttcccttgt ggccttcgcc aattcatacg ctgcttgctg gtgatggcct tgtacttcgt       60
acgattgagc cagcatgccg tctgcgacac tctgccacaa aacgttccca ctgcgttgtg      120
cctgctttgc tgctgccatg gcagatttaa gcgcttgctc gccgataacg ttctcaaaca      130
gtcgactgcg catgatagcg agcgtgacgg cagcccccaa aacattgtta gtggatttgg      240
atccggccat ggcagcctgt atatgctgtt tctggtggtt gagctgttga agaagctccg      300
taacgacagc ggccatgaca ttgtgccacg ctgtccgcaa atcgacnttg tgatggttgg      360
cgcacagcgg gtgcagtcga tctatcaaat cgagtgtttc cgcgtcgttt ctctctgaat      420
gatgctgcat gatccaaagt ctgttgangc cagctagcat agctaattcg cgatgcgcag      480
ctttaacgcc agttccacgc tggtcgaagt cnaactgggg tctttggaaa actccatagc      540
ggaacgtaag tctcctatag cctgctgata gacccggata gatagatga                  589


<210> 2836
<211> 135
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(135)
```
- 1051 -

<223> n = A,T,C or G

<400> 2836
nctatccgca ncgtganatc cgatcgnaaa gaggtcgcac gttccttcna aacgtcgttt   60
nnctacaaag ctatgacttn ctattaccta nccttaggnn tgccttccng tcggtccgan   120
aaggaggcaa ggccc   135

<210> 2837
<211> 321
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 2837
ctgcgacaaa tgcgaccaga catgacccag cagcagtatc aaatgatgcg aatgcaaaac   60
ggtggcatgg ctatgaacat gaagcagggc aaccttgccc gcgctgccat ggccaacaac   120
caaaacaacc ctcaaatgat gctacagcag gccaagcaga accagatgca gcgagatcct   180
tccggcatgg acggncaaaa cagaccttca taccggnttc tggggagaac gntcctnccg   240
aagcgacaac gcattgacgg gcgcttttaa ccataaccag cctgttggat gatgccaang   300
gccgccaaat gcctaacaaa t   321

<210> 2838
<211> 559
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

<400> 2838
cgatgatccg gaagaagcca gcgttatggg ctctgaggac ttgagtccgg attacaatat   60
cgatctttta attccatcag acgcttcgaa ccgatctatc gaggatcacc aacctgatcc   120
agttcacatc tttagactct ggcagttatt cgttgaccgc gtcaatcctc tgaccaagat   180
catccatgtc ccgtccgtcc agccatttgc tttggagatg gctaccgatg tgaacaagat   240
tccactcaac taccaggccc taatgtttgc catcttcacc atggcgacag tatctctaac   300
cgaaaccgaa tgtcttcaga tgctggggac tacccgcgac caagctttac gaaagtatac   360
tattgggacc aagctggcac tgacaaagtt caactttttg aaaaactacg atatggtggc   420
gctgaagcgc tgctgctgga tttgctgctc ttcaaaaccg ntacgaccgc catgctgcgt   480
ggatctgagc ggcattggtt ggaaaaatgn ttaaaagatg gctaccatcg ggacggggat   540
atttangact aacgctttc   559

<210> 2839
<211> 615
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G

<400> 2839
gtaccttttt atgacttgca ttccccattt cttctttctt tcctctaatc tgaactgacc   60
tgacctacat tcaatcaaca tcaccacata tacacttaca agttacacca caaaataccg   120

```
ccattatgcc gactatgctt ggtctcacca acgaccgctc tactaacggt ctcaatgcca    180
acgagagcaa gttcgggggt ccctctagcc aaaggggaat ggaactcacc cctagtcaac    240
aaaatggcag catcgtttct ggcattcaag gatccgattt cttcaacgga ggcggcaagc    300
agcaagagca cgacccggat gaagaatcag acgaggagaa cctcaagaca atcaagggtc    360
gcaacctntt cgctgtcaan gagatggaga ctctctntgg cgcgcgctct gcgacaagcc    420
caagacggcc tnaagtacat nggcaaggac gccgtatgtc caaccnttct ntttggggac    480
ccacgctttg aacggcgact ctgncctntt tggagaaaag tcagcctgga aaagggtnnc    540
tacaaaagcc gacttanccn tcaaaagggt tatggttccc tttgatcaag ganccttttc    600
gcagttntca gggac                                                    615
```

<210> 2840
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 2840
```
ctggtttcta gatctcgtcg agctggcacc gaagagccgg atgacggtag aacatcatcg     60
cttctcctaa gaactagacg tgcaggcacg gaagagcctg atgaaggccg aagaacctct    120
ttgtttgtcc gtaaccgtag aaacacggtc ggtgaagata gtgaagacga atcaaaattc    180
cgaggacctt ctcgcatccg tactgatctc aacacgatcc gagttgtacc gcaagagcaa    240
acgccacagc cagcagagaa tacatcagcc atcccacgac ggcggtacgt ttcctcgact    300
atcgggacct ccgcctggca acaccttccg tcaacacagc aacccctcca cggagatata    360
tggagaggtc tacgcancan gaccaangtc caccgcggnc gatagggttg gcgaagagcg    420
tgcacaacgt tacacgtntn tagggcagac gacatggtca acagaactgg caggatgatt    480
agaagaccta acgggagagt ttgngtaagc aatccttntc aagttgcggc aacttccggn    540
gatggtatta aaatattcat tgnttacgat ggacaacccc tnttatgttt nggcncagcc    600
ggnttattgg ccnattttgt tcgacgga                                       628
```

<210> 2841
<211> 232
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 2841
```
ctcgacgttc atgaaacaac agcttatcgg cccttaatca gaggtttgcc gccacgacga     60
ctctacatcc atcctgacga ccagattgct gctttggaac gtgagaagac tacaggcgag    120
cccttggatc agactccaga gcttgaatgg gtgctagcag tgcaccctga ggagaaatgg    180
gccatcaaaa gcattttcca aaggcttcgn attttttcgn gcnccaaggg cc            232
```

<210> 2842
<211> 504
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 2842

```
ctacccgaaa cctgccatac agcctgatac cgatccagcg cattcacata ttgtgcattt      60
ctaccactta cactagggga tgtaagctgt aggtttccgc accggtccgg atggccgcat     120
tacaccgagc cggaggacta ccatggcggc agatcaaaat ggatctagaa gtggatttca     180
cgattgaccg aagagggtct cggtatggag tttcgaccgc aacaacacca acaataacct     240
tgacgatgag ctggctagag acagagacat gatgctggtc tagtcaatgc accagggaat     300
aganttgang acagggccgt ttgtggtctt gtcttgtctc acttcgctcg cggancaact     360
gccgtcgatc tcgaatggac ttgacagcaa taaccttgac gatgaattgg ccaaagtcna     420
atcnaatgtt gatttataaa aatcctctgc aggatactc  gttgttgtct cntatcanaa     480
caattgattg anttgaatgg agaa                                            504
```

<210> 2843
<211> 1116
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1116)
<223> n = A,T,C or G

<400> 2843
```
gcaaactcgg agatttgtcg ctggatactc cattggcaag aagacaacaa gagcttgagg      60
atatggctcg tgattctgat gctgcgcgcg ctctgcaaga gcttcagaaa ctacaacgcc     120
tcggccctag aaatggcaca aagcgaaacc gaactgcctc tatggacaac tgtctccagg     180
anaatgttcg cgagatgctc ggtggtcgtt actctattca gagacctacc tggcctaata     240
cgttggttcg tactcgaagt attacctccg agtccaacct tcaggtcccg tccgaactan     300
cctgccaggc actggcaagc gaatgtgttg ttctgctgaa gccgcacagg ctacgaatt      360
ttcgtctgtc catcctgccc tcggcattcg gggaactggt atgtnggaag gtatcttgaa     420
ctaagcccat cgtacctcgt tggtcgcctt aattttcttg atcaactcga taccccgtcg     480
actancgaca aactaacatc cttaccacaa tgttgaagaa ttaatgttga atcaataaca     540
ttttctatgt caaatattga actggggttg ctggcaagca aggaatcttt tgctaaaagg     600
ccttggatac cacccatctt gatgacttga caaagtgccc ggaaagcact ttgtaggtgt     660
tgagattcgg ccaaaaagcg tgttcattta cgtgcatctc taggatcgat cacgagggag     720
agggagacgg cggtgaacgt cttgttttat cagaggaagt gaagagatga cgattgcaac     780
ttttgtatga ctaggatgtc actgcatttt tgttttgctt gtacattgtg cttttatata     840
gcgttgttta ctcgtttcgt cactgcagtc tttcgcgaga gatgagggac gatccagaga     900
gttatggagg agaaacggat agtacaaggg gagcaatggg tttaatttgc tgccaaaacc     960
tacagatgaa caccacgaan ggacacaact tggccgtcga gtgttgcttc tgtgagggaa    1020
tgggttttgc atcaaatgga gtcccgatct gccctttcta caatcaagat accaaagccc    1080
cncatnatgt cttgaganac acacccaaac ttgaat                              1116
```

<210> 2844
<211> 413
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 2844
```
ntatcacatc ttttctttnt nacgacttga gacgattctn acggaatatt cgaacaacat      60
tcaagggcat ggaacgatgc agctacaaac acgagctgct ttgaatnttg atataacgat     120
tcaacaatcc cgatgtattt ttcagntctt gaaagctgtt tttaggtagc tggttttttgt    180
gtactttgtg cgcaaatada aaaaggtgtt aagaagcatt tntcattgct cttgngcatg     240
caatgggttg gacaaagatg atttgcatga aggtggatt  tgtaacatan ntgaggtagg     300
tgctaagcag aacacgagct gaagcgggat ccnaatcagt gacttgctct attttctnct     360
gcaagaagtt cntgcttaca gttttactca ancaaaagaa tnacnttgcc cac            413
```

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<210> 2845
<211> 816
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(816)
<223> n = A,T,C or G

<400> 2845
```
gccttaatgg gggaaacatt gcctcttgcc atggatttat aatctttcaa tgcctttgtt      60
cttcctgaat gtttaaaagt taattgtgcc tccctcctaa tgcaatgtct cttcgcaaag     120
gaagtgtata ggcatctcct tatcttcgtc agatggatac agaaacaagg gttcagcttt     180
ggctaaacgc acattttgag cagcaacatg gagctgcaat aataaaaaat gctgtgcctg     240
ctgtcaaaac acaagcaaga ttcacctgtg ggttggagtc agcacctgag cagcaaccag     300
tttcccacaa cgtcgttgat aaacctgggg acgttgtcga ccatgattgt caacagaag     360
aagagctctt ggagatagtc attcatcaca tctttccaca ttccattctt cgaccggtc     420
ggaggcttct aatacgctac cttcgggaac agaccggcca taaagccaat tcgttcaaac     480
ccttcacttc gaggtcatta cccgacttgc cctttatgct cttcagcact tttaccactg     540
gtaaatttcg atttggactt tggaccagct attgctggga ttccacttct ggnggctaat     600
gatatgggaa ccgcacgggg tctgatgtca tataccgatt cctatgccga gatcttgaan     660
ggactcgaat ggatnggcgg gtcttatgna aaggagtatc cacatcctcc cccgatgaat     720
aattccccgt tntgtacag gacttcggcg aagtattgcc gggggcnacc ggcaaatnaa     780
tgaccaagga acnctngggg atnttttntt ttctta                             816
```

<210> 2846
<211> 102
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 2846
```
ntgttctaag gaangccctg gatacanttt gagnctcaga atccattgaa nctntgcaag      60
gcaccngagg ccctanatca tganatcgcg tggattgatg tg                        102
```

<210> 2847
<211> 284
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 2847
```
ncncgaagn ggtttttttg aancattttg gccttntgaa natttaggc cccaanaaat        60
crggaggngg cgagcaacca tggagtgtgg ctataaggtc ataccgaag tggcaaaagg     120
agatggctcc ttaggaatgc ttntaggatc catcttnttt ggtcaacgac agcgaaccgt     180
tggggagc ccttgaccaa ctgatcgtat ccaaagttg attnttncca ccacttttt       240
atcggngngc tgtgaatccc ccgatagtga tcttaaaatc accg                     284
```

<210> 2848
<211> 295
<212> DNA
```

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 2848
tcttgacagg aatttacaaa agaattttct cttattccta taccccagcc attatacaca      60
agggctcaat tgctgcattt gtcaaggcgc atttgtgtga gtgggtttcc catttgtaac     120
cgaagcctct gactttttg ttaaagccgc aagggaanaa aaaaaggcac cgaccgagga     180
tctggaaaac cgctaaaatg cttctttgaa aaccttgatt tagtggcccc tnttctagtt     240
accgcacaga aaaagaaaac ccacaacgac gaggcacagt ttcnatgttg cgcac         295


<210> 2849
<211> 136
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G


<400> 2849
nnacacagaa gaaggggaga ccaccggacc ccgcgagncg canggggacg cggaaggacn      60
ngcgaaaagn cccnaggcca naggggcac ggnggggca aaaggggnnc cccaccaccc     120
aancgcnggg ggggcc                                                      136


<210> 2850
<211> 212
<212> DNA
<213> Fusarium venenatum


<400> 2850
ccaacgttgg gggcattgat accattttac aaagatatcc tgttttgatg acccggatta      60
cgagaacagt cctgattccc aaacctccca tggaatttca cggcatctca acaattgacg     120
acgaattacg atttgtttct gttttgctg gaatcatttg aacacctttt caagactcac     180
gatcttcatg caattttatc taaatttcaa cg                                    212


<210> 2851
<211> 628
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G


<400> 2851
tgccacaaca tgcgccggcg catttccgtc tcgaaagcgt tgagtacaga gatctggtag      60
acactctgga gcaaaatcta ttggacgtgg aggctcncta tatcgaccca actgctggaa     120
acgtacacat tgctgccctc agtgttcgcc caatgatttg cagcaagaat gagggagata     130
tgggtgccta tgagagaacn gcccgagtgg gcaaactggg gagattcgcg acaaaaagga     240
caacctcttc aagatcgtct tgatgaacaa cgaacacagt accgatgcg tatggtatca     300
tggacgagac gggattcctt tggttcatga agttccattt ccaggtcgac atcttttccg     360
tcatgacaaa gcagctttgc caccgaccga gaggttcctt tgccgcccgt gcttggaaca     420
tggtcgagaa gatctaccat tatcaccctg aactcctgga tatgacccaa aaaaccaact     480
ttttacaagc tcaagcagtt ttgaaggctt ggcacaaccc gtgaacaagc acacagagaa     540

```
gacggccaga tnctanaaac accaaacttt atttattcgc atacganacg ttttagcgag      600
cgacgtccga actactgaat ntttggcg                                         628


<210> 2852
<211> 216
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 2852
nactcngagn ggaactcntt cgaggtgcgt ggacatcgct gtatctcgan tcaagcagct       60
tntgatctgg acggcaacna cccgcctccg gatggtgtca tcgctttgat ctcagacctc      120
ctcggtcggt gcatcgacng cttgttggcg cctggaggat ggttgctnaa cgacaccatc      180
tcaggcgaca aatnctgagg ctggcgatct actgac                               216


<210> 2853
<211> 138
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 2853
ntgcttnatt aattggttta ttnttcngga ggaaataata atngacncct ttgnttgggg       60
ctnnccgggt taannaacta attaaangcc tttnggnact tgnganttta cgnttcncac      120
ccttcnggac atgaatga                                                   138


<210> 2854
<211> 478
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 2854
ctttttcatt ttcaaccggc atcctttcat ttctgtcgct acctccttcg ttaaagcttc       60
ctgctgggcc tttgcatatc gtattcccta acaacatgaa atattcgtgt gttcgtatct      120
gaaatcgttc acgaccagcg ttcatcaccg tgaccatcaa agccactgct gttgctcaaa      180
agtaaataca catacataca taatggccga cacagaagag ccccagttca acaccttggc      240
cgagcgcatt gctgctctca acaaacaaaa gagctttgcc aacgctcaaa gcccaagccc      300
aggtcctgga ccagttcgca agcgaccgca ccacttctt ctccgttcgt ncaactattg      360
aagggcggag tcaaacagtc cagtaatatc gactacttca agncgcgcag aataatccat      420
caatccttct ngnccctcga gaaagngtaa caccacaact cacaggaaa antggcaa       478


<210> 2855
<211> 581
<212> DNA
<213> Fusarium venenatum

<220>
```

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<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

<400> 2855
aaaaccacca cttgtgatca aaacatttat ttgtaattct aaaaaggtgg taaattcatt   60
aagatgtgtg tcgtgttaga gaaaacaagc caggggcaac tttgaggagg cttggctgtc   120
catgtcatcg gtatcccgct cttcagcgcc gcgctcccga gagactgacg cctttgaagc   180
gcaacaagac actaaagcaa tcatccatca atccaacacg tacgacgatc ctgcttcttg   240
gtcatggcag gctttcttg gcaaacacca agattctacc atctcctcgg gtctcttcaa   300
cgctacacga cgtttcatgg caacagcctt tcgcgcctcg ccctctttcc ccaaactggg   360
tagggagttt cataaaagan agatccgtta accaactatt ggcataccaa aagtagcttc   420
gcaccactat gacatctaac ccgcgtcaag tcgggcagta ctaacaagcc caaactccga   480
aacttgttaa atccgtcgtc gacactggaa ttctcgagac atccaccgga acttgatgaa   540
acccgctggt cgtagctttg ctgctaattg tccctgcngc g   581

<210> 2856
<211> 548
<212> DNA
<213> Fusarium venenatum

<400> 2856
gctgatgctc tatatcgtgc tcgatggtac tacccctctg acgacctgtc ttttgttcga   60
ctcggctatg tatcgccatc tgaggcgagg ttcgtcattc gcgagcctga ccagcttcaa   120
atgcccgtca tattcgaata tcacgttaag gatgctgagt cgacttacga ccccaagata   180
tggctcactg caggctttat cacctctact gacaacacca ccgacttcac cacgactatg   240
acagtgcctc tggaccccgc aaaacagatg gcatatgcat ggaggacttc caacaaccac   300
actggcgagt ttcgctccgc tcccaaggca ggagagatgc ctgaccacaa ggatggcctc   360
ttcactttcc tctccacctc gtgcattctt ccccgattcc cttacaaccc actcgatcat   420
gctttggcca tccctggctt gaaaaatctt gccaacctgt tgcctacgct gggatgccca   480
attcatgctg ttccttggtg attttatta tgtcgatgtt cccgaacgat ttggaaagac   540
gcagaaga   548

<210> 2857
<211> 213
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 2857
gttnaatgcc cacagcatct nttgctatgg gagccatgat gggtggtgct gctattttcg   60
ttaatatgta atatcgcncc cgattgagtt gtgagcatct agaagtaata canaccaata   120
atgttgtggn ccgngcctca tttctcaatt gcgtgtgatg tagagacaac gggtaaagac   180
aatgacaagt tgaatggata gctttgtgag tcg   213

<210> 2858
<211> 113
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 2858

```
nggcattcca attgcggttt tcaaataaca acanaacacg cgcgnatgan acggtcttag      60
anataccttc antcatatta tctggggagn cgggaagaga ctgctngatt gga            113


<210> 2859
<211> 471
<212> DNA
<213> Fusarium venenatum

<400> 2859
cgtgatagca gtctcttgga agcgtactag atcgagttga agaagaagaa gaaaggaaaa      60
tcataactga gggcggggac aaaatttatg aggtgctcat tactgtttgg aaaggaagga     120
aagcacgctg gtcaaggaag gaaagcattg tggtcgaagg aaggaaagca ttgtggtcga     180
aggaaggaag gaaagaaagc gcgctggtcg gatgaaggac tgaaagctgc gcgtttcagc     240
ggctcaaatg taagtggcag tctcgaaatg atgttcgatg gtgatggtaa ctggtcgttt     300
gaacctcatg gtagctgcat acagtggtac actgcgatca aatgggccaa cggttgttat     360
gagacgcaac gtaactcaat aaccaaatca cgacattaag tgccaactat tgggaacaga     420
catttattag caagaaaaca aagaataaaa gattggacga gttttttttt t             471


<210> 2860
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2860
cgaacgtttc ctttcaagct cgccggaacc tatggcatca tctgccccaa gatacgtcac      60
ttcggcaggc ggtanaanaa gatcgtcgat acttgagtcg tcgggaatgt cgggtgccga     120
actcgcgtca cattccgatc tttccgacag cgaagctttc cgtcctcacg attcttcctt     180
tgacagtctt actgccaagt cacccggtaa cattcctacc gccgcgcgac caggccaggg     240
aatccgctcg acaagccaaa taagtgtatc caatgttgaa caggaccctg atcgtgtaat     300
ttggcaaggt cggctctacc ttttgcgtca tcgcagaggt atgcgccaat ggaaggacat     360
gtgggccgtt cttcgaccac gcaaccttat tctctacaag gacgaagtct gaatatacag     420
ccagatggat actgccaatg tctgccgttg tcaatgtcgc caccttgatc ctnttancaa     480
gagcaanaaa cattgcttca ggttattacc gaggagaaaa ctntcgnttt tgcgcacacc     540
aaaaaaaaaa cttttggtcg ctgtattggn gccttnaaaa gcntgctcgc caaacgttcn     600
naacttgang ctcgcgctgc cgncacanat cana                                634


<210> 2861
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 2861
gtcacgccca aagcgacaac tcggcgtcga cagcttcaat ccactcaatg agctgctaaa      60
gcctgcgaat cccttctata aatccccgca gctcattttt cgccatgcag aaagctcgcc     120
aagcgggtcg cccaggccca gcgccaggcc ggcaaacgag ccgaaaaggc gccnaaagcg     180
aacagaccaa ctataaactt cgaaaccgac aggccattcg agcggctgtc tctgangtcc     240
gacagaatct tcaggatgcg cgccgtgctc cacanganga ttgggaattg ggtcctatcg     300
cccccaaacg tgatctggga ttcaatggtt atggcatgtt cactgaaggc gtncgaacgg     360
attggtccaa ctacgggctc tacagccctc gacctgagat attgatnaaa cgatgtncct     420
gggctggtgg tgtgaaacaa cttaaccttg ntgtttctga acnaatggtt atcatggatg     480
```

```
gtccncacaa ggaaanatt gatcgcntcn agtctatcna cctccacgcc gggngtgttn        540
ctctttaaaa cacaaccngg ctatctctgc ngg                                    573


<210> 2862
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 2862
aaaatncagt cgaatgagaa agaatatcng caagagatgt gagctcttgt ttgttcactt        60
caatgccgct gcatcccct gttataggtg tnaccgggat atgacgntag gtgacgtaaa        120
tcggggttga cagcgctgat gcaacacgcg acaggttcag gaacgacttc ggctccactg        180
aatcgagaaa atatcaagga aatagtggca tctcctgcta tttttatttc cttgacttga        240
ttctttcata caaatgaaac acgtacgcgt gcttggngtg ccgaacgccn atatttcgaa        300
tctcgtcgtc ntcggtcagc cttctacnan atgatcgcaa nnggagagct accngaantt        360
aatggtttaa taatccggcc ctgganttat atggattgca gtagatatac nngagaatat        420
tctttgaaag gaacatgcag taagtactct gcctgtcctc agctcagagt aatagagatg        480
aaattagtgg gtcagtttat gctattccan aacatangtg cggttcactt ttgtgcccca        540
aaagttnggc tcacttnacc cacancacag ggnaaaan                                578


<210> 2863
<211> 114
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 2863
ncagaanttg ctgcaggaag acatttagac actggcaaaa agagctnatc tttcctgggg        60
ggcntgaaag gcanagacng atangttgtt tttttccccc tggnacagaa aaaa              114


<210> 2864
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 2864
atcatctttg aatcaagatc gcgtgcaaca tctgaaatgt ggngggggaaa gtcaaaagat        60
cccaagccgg aanacaagag cgaggcagct canatcaaag acgctgtagc tganaagctc        120
ccctcaaaag agcaaatctc caacaaagta caggaatctg tcaaccaaac cggcaagaac        180
ggaaatgtct tgaacgacat ggctgagggc tacggccctg attcaaccga ttccaatatt        240
cgatatgcag cctatgccac tcgaatccga acgattcttc tctcgcgcca tcgatatgtc        300
gcttacacct ccgatatagg cgagtcgttt aggccggtgg ctcacccgaa cctcgtccgt        360
ggtgcctacg gtgtatcttg gttgnccttat ttggtgatgt ctcgtacgaa ggctacaagt        420
catactggca caatcagngg gtgtttgaac cccaagctgc aactcaaccc cccgtcaaaa        480
aaaagncact ggtctgcctg cccttgaaac acgtgcggnc caacccggga cgggggcacc        540
acttcnatga ttaccccncc cgttatggtc aancgcgcaa tntttcanaa gtgncgcaag        600
```
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tttgggacca ccccgttttt acnaattna   629

<210> 2865
<211> 122
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 2865
nttcagtgga ctgtttgacc gngncgacat agaggtgcca ccancgtnct ttggtnaaca   60
caaaaattan cccattggta nggntgacgc ttgacacaac gnccnccttg ggatcanggc   120
cc   122

<210> 2866
<211> 136
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 2866
nacgnagcaa tnaccggggg gtgnaccntc tcaggcggtc tgggtcggna ncgttacaga   60
ntttggtatt tggacccttc aagcccggan gacccggctg gtttcatgga ttccaacaat   120
aaggaggcaa nctttc   136

<210> 2867
<211> 121
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 2867
nggggaann aaaaaagncc cccgggganc naacccgggg gggcaaaaag ggggaaaaaa   60
accgggccca aaacccccn aaaggccngg ggncggcccc cgnaangggg gaanaagggg   120
g   121

<210> 2868
<211> 108
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 2868
nacacccca cgaccanacc cnaggaccac gagcacacaa cnacgnggag acgacaacnc   60
aggangcgac gaguaagagg agacnacacg acacaccacn ccacgaga   108

<210> 2869
<211> 442
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 2869
caacatccgg aaaccatcca agatcctcaa ctgtgcggtt ttgccaatct gcatagcagg   60
cgcacactcg caatgcccta aanaacaaaa gtctattcgt gcctnggcgg ggtttatata   120
tgacgagatt cggtttgcgt ctgttcatgc ggtaatcgcg gtgttggaag atgtttggaa   180
gggancgcct aatgaggaga tgacttggaa tgagatgttt gtgaacttga atgaccagnc   240
acttgtgcta tgagattggg ttgtgtgtat gcatttgtta atgaactgga tggagtttgg   300
attttttgtct tcgattgggc gtcagtatgg taacggngaa atgagaggtc ttttttttagc   360
tgnagcaagg actttntgta ttgaaggcac ttcaatcata gtctcaacta tgaattactc   420
ataatccnaa tatcctcaca at   442

<210> 2870
<211> 444
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 2870
ggtcttcacc ccgtcacaag tctacttcca gtgtcaaaca ttgcattgcc acgaatcgat   60
atctttccct ctacgaacac aacccaccct caaccttggc cgagtctttc canacaatgc   120
tattagcaac cgtgcgagca cctacaagaa cattgccagc ggntatttca gccgggaatt   180
caccattcca naagaccgtt tagacgcttt taggggtatt acggaccact atgctcactt   240
agatgatcct ctggacagtc ttcttggcct tccgctctat cataccaagg acttcaagaa   300
cctgccaaat tctaaccgga cagaccgttt gccgttggct cggntggttc taccatcctn   360
caaganatgc tgatttatcg ncgcatctnt gcagcgccaa ggccattccc tnattganct   420
ggctcggtgg aaaattccac cttg   444

<210> 2871
<211> 118
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 2871
nnccaaccag gggcccnggc cggggaccaa ggggncngg aagaacccaa nctccgggggg   60
acgaggacac ccggnggagg ggggaaacg ggcncnggggg gccaaacngg ggaagccc   118

<210> 2872
<211> 586
<212> DNA
<213> Fusarium venenatum

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```
<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 2872
cgctcgcatt gtttcgctca gcccgctgtc tgccgctgaa actcctgctt caaccggatc      60
gatctgctgt agaacggctg agctcagttt caatgccgac gatgccccag gctcatcacc     120
aactgctgcc gccgtgcttc cttccacatc cacttcgaca ccactgatat tcgaaatgcg     180
gcatcttata cttatgcatc acctcgacac cgttgtgctg aaggacccgt tcttggcgcc     240
tgagtcggat gaccgcgggc caattaacat ctccaaggcc atcgtggaat cagccgagac     300
agtcccttac ttggtgatag angcccttgc aatatcatcg gctcatctta gcactaccca     360
aactgatcct gctgaacgga tgaagtactt ccaggcgggc gaagaacttc aaactcaagc     420
actgagtctt ttcaatcaat cccaggtcca agttaccaag ganaactgcg ttaccaatat     480
ttcttttctc atccttgctg ggtatgcacg ccctgtttaa tgtcagcaat gccggaacga     540
atcaattcat tgccaaattc gttcaatatc tgcaggtcca tcgaag                    586

<210> 2873
<211> 126
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 2873
ccgatttgga gaggcagacc aaacaagtta aggccgattg tgatgcctgg aagaagcgtg      60
ccggtgagct ggangcanag gtcaaggagc ttaaggatcg cccacntgct gagccagtcc     120
aagata                                                                126

<210> 2874
<211> 458
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 2874
ctcgaccgac tgcgatactc gctccatacc gaattttctg tctacaacct gctatgggaa      60
cctgcttttt tgttacgcca taatgggagc ttgcgcatca tgtttgggac gggctgatgg     120
caacagctac gatgaggagg aagagagtcg cctactttac gatgaggcaa atggaatgca     180
atacggcagc tttggagacc aagccataaa tggcgagaac gataccctcg aagcccaacg     240
cgagaacgag gcattacaac gagtaatagc caaaacatca gataacatgg tagacatctt     300
cgatatcgcg cctcaagaga atggaaatcg tggaaccaca accccttcg cctatgctgg      360
ccaaggngca ccgtnttgcc cgataccagc atnttgnggc aaagctcggt aaccagggcg     420
aaaacactnc tgttaacggc gtcaagggtg actggctg                            458

<210> 2875
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
```

<223> n = A,T,C or G

<400> 2875

```
gaaaaacctc agccgtacga cccttactgg tacaatagtt cagcaaacta ctgggagctt      60
gcgcgtgtga cgtgtgaccc taacgctccg tcgcgcaatg tccaacaagt ctcagacttt     120
aaagctcctg tcgagtaccc atcgaactgg agccccgaat atgcgtacag agggtatatc     180
aagaattgga ccgcctccca agatccttgc caacagccac atctgcgtca gatgcacggg     240
agttttgttg cacccettag cttgtcaact tctaccgaat tgatcccatt gttcggcgga     300
tccaagctcc caatgaacaa cgagattttg attcctggtg ccatgtatct cacggctgat     360
gagttttact ctggaggaga caagatgggc ccagcatggc atgccaagaa gacaggtatc     420
gtgtggaagg gcgatgcgtc tggtggtgag ccgaaggctg acgtttggca ccgcttccat     480
cgtcaccgtc ttatgcagat gctaaacggt tcatatgtcg acagtgtcga ncatgaaggc     540
gtgaaaccga aaactttcca ctaccagacc agaacactac aacagcac                 588
```

<210> 2876
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 2876

```
tgaaattctt gaccttgaat tgtccgtctg tgacaagact atcctaaaag catatgtata      60
taaactcacg aaaccaacta ccacttccaa atagcacaaa aacccagttt caaccaactc     120
tattagaaca tatataatcc gaattcaaca ataagtcctc ccaataccgc tacaatggga     180
agaattgata tggaactcga actcaccggc ctagccactc tggcttctaa gctcaacctc     240
gactgtccgg agtctttcga gaatccaaga agcattgctc gctatcaaga ataccctttt     300
gctcgcttta accacgacga ggatcagcct gatgtcattg acaagaacag tgtcgagtat     360
cgtgtacgcc tcgctaaggn nattcgcctc tcgacaatgc ctacgaaaag acttcacgaa     420
gtnccaagcc cgcanggntg cttcantgga aaactggagg aaacaacagc natgtggacc     480
cgtttntntc gaccaaccta caagagtcnc catcgnggna caaaaaaacc ggttttgacc     540
gataannttt atgancattt ggaaggaacc cccactcag                           579
```

<210> 2877
<211> 156
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 2877

```
ntgacccaat ggatnccttt cctatttang ttggggcntt aaaaaagaat atgaaacctt      60
gggttggtgg tgntggtaaa aattgggccg ttnaggcact tggttaactt gatanccgtg     120
actttnggtt tntgaaagnt tgaaaccnat ttttat                             156
```

<210> 2878
<211> 1112
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1112)
<223> n = A,T,C or G

<400> 2878

```
catgcctcgg gcagctatcg gccgaaatga tttcgaaacc gatcacccct ctcttttttt      60
tgggattctt actagtggcg accgatactg acgatacaaa cccaacatcg acatccggat     120
gcaagtttat tgaaaagctg gatgattctg ctggccatca ttctgcccat tgatcgctgt     180
cgactgttgg ggcggggttc gatcacggct atttcctaca tcatttgctc tatctcgttc     240
ttcgacgtat gttctggggg ttcacgacat ttggctcggg ttgctcttga tggcgagggt     300
gttatactat ggataaaccg tcccggtttt ctatgaataa cctcagcgcc ttcaggagac     360
tttcctgaac ggcatgtccg gtactcctcc ttgctaggtg tactagacct gtgggttctt     420
ggctgcatta ttcgatagta gcctcgcacc tcggatgccg gatattatcg ccgattatac     480
aatactcgtc cctgggctga atttgggttc gtagtacgat acgactctat tccgtcgatg     540
cggtacagct ttgatcccgc ccagcaggca tttctttcat gtattatttt tcttttactt     600
tctattacaa tgctcagacg gttgctttgg actttgaagt ttgcttcctt cgggggcggc     660
ttctggggag gcgacagggg acgtcttgga ggtgttgagt tgatcaagga gttgtcatcg     720
acactcgggc gatgatggta atagggtcag aaggtacttt ctgatggcag agagaatagt     780
gaggtttacc ggtccgagtc aaggctagcc ctggtctcgc actcccttag ccttgatgaa     840
tggaatcaga caagtggaag ctcaataacc ttgcagttag tacatctctc tattcaggtg     900
ttacttggcc agagaacagc atcatacggc atggcttggc aggtgctgtt acccatggtt     960
ggcgagtcaa aacatcccac tgtgggcaga aatattctac gtttgcttaa actcattgca    1020
tttgcttcca ttcacgggtc gcttttgggg cagcataaat agtttacatc ttgcgtcgcn    1080
ttttgaattg atcaaggaat ttcatcgacc tc                                  1112
```

<210> 2879
<211> 273
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 2879

```
nngccggcgg gnctggctta cagtaatagt caatatatcn tnagggtacc taatagaacg      60
gattggaggc gcnctgtggn ggcccccttt ttactctnaa tcaggacatc attggtgtgg     120
gggagaaata aagccaccaa ccgnttccaa tcttcaattc aaattgccac aagatgccat     180
caccgaacga atagaaccac atgatgggnt ctggaattta atccnggtag aagaaaatgg     240
aaaaatcatg gatcattata gtccgttaaa aaa                                  273
```

<210> 2880
<211> 116
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 2880

```
natntaaacc nccntggcct attgnacgat taaagtcgga anaagnttcc nccgaatttg      60
ccgggggcn cnattcgggt ntgaaagatg aagcgtgttg nctacccatt gggcaa          116
```

<210> 2881
<211> 189
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

<222> (1)...(189)
<223> n = A,T,C or G

<400> 2881
naaancggtg gacncggaat tggattttcg accaacggtt gnaggcgagg gactgaatcc   60
ntgtcattan ccgggtccaa attagaagag atttagangg caggatttca cccacaacgt   120
tcccccatct ccttggctcg aggtccagac agtttgatcc tttgagttag cacctaccta   180
ctgcgttgc   189

<210> 2882
<211> 437
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 2882
aatttcacag cgacaaccgc cgccatgggt acgtgaagat attgaagttc agcctctgta   60
tgcgagtaga ggaggtgtgc gcttctgtgc ctccttttct gcgaccaatg caccatcttg   120
ttcgcgaaag cgcaagacag agttgctatt ttttgagcat gcttgaacaa aaaggctgac   180
gatggcttca ccctacaggt atcgatctcg accgccacca cgttnaaggc acttcacccg   240
gactgcccca angagcgaca atggtctacc ttcaagctct tgggngaagc ttttaccggt   300
ttnctggctt cggccgaaac cgatgccttn ttttcaaaca angggtngtt tctttcgacc   360
ggtctggttt tactttccna agaatcaaac ccgaaccttc ccggtnttcc nttggtnccc   420
ggtnattngg tcggccc   437

<210> 2883
<211> 361
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 2883
catcaccacc gcgagctccg tacacgaggt agagcaaacg tgtggctgtc tttaagtttc   60
aaccgttatt atctctccgc gaccggattc acaaggctgc gccgcgcctc ttctcttggc   120
tgcgaaatct ccttgacttt gatcccgccc tttgcgatag catattccac tttaactctt   180
ccacgcgcac acgcgattct tcgctaccta cttcctttaa cctcagtcac gcacgcctat   240
cgtgcttntt tccacaaacc cgagacggcc gagcaaaaca tcaatcgtta accgcttacc   300
acgaatgacg tttgcgcaat ctcgtgcgga attgttaata aatcacaaat ttactctcca   360
g   361

<210> 2881
<211> 868
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(868)
<223> n = A,T,C or G

<400> 2884
ncaagaaaac acggcanttg cttaaaccta caggttnccc aaatttaaac caggaaatta   60

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```
atccgtgcct acttctgccc ctggtctccc gaaccgaaca ggaagcggga naattgccag    120
gttggtttaa tatcggacta tctcatagcc tggaaagcta tgaaccttga aaaccactgg    180
ttgaaaaaac ttggctggga aagcctgatg atgttccgtg agctatgtnc aacagcaaag    240
cgtgagacct gtgttttacg gttccacact tactgcaata tctatgtctg acagcgaag     300
aagcctggcc agccacagta aaaccgtggc tttggttcag aagaaattgc caacacaggg    360
cacaaataca gggcatatct ccatgaagct catgaacacc gtatgaaatc catcaaggca    420
ggggttagac atggccttgt tcttcaattc tttgccaggg tagttgtaag cccaaaccgg    480
ccccgggcaa gatggcgtgg ttacaggcgc ggtgagcaac cacaccctgg cgattcctaa    540
atgataccac gattttccaa gcattttaca gtgcttctct cttctcatcc gttggcggtc    600
cctcgagttt caagagacgc ttctccttaa aatgagtgtg gcactgacgg ctagcgacaa    660
agatcctagt tggtatcacc aacagcgggg ttttgatcac atcaacatgt caaccattat    720
gaaaaagcct gtcgatcggg cgaatttatc tgaacgctag acactagtca ccaggtcaaa    780
atcgtttgcc aangggaaca atttcaaaac gcgtttattg gcaacgctcc attatggtta    840
ccgcgcgggt tgaaaaaaaa acactgtt                                       868
```

<210> 2885
<211> 529
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(529)
<223> n = A,T,C or G

<400> 2885
```
gttatcttga ctgggagttg gtgaagatgc tgatgttatc accgtgtcgc ccatgttcaa    60
tcctatcaac agcaattggg ttatcgccaa ccaggtttgg ggctacaacg attcaaccca    120
taagtctcag gatattcccc gacgtaccac catcgtcaca cagtctcgtg tatcaaagag    180
ctactaaaca tcatgcatgt tgagaatgtc cgtggcaatc atgttgcttc agaaatgaca    240
ccgcaaacag tggcccttct gcatggcctc aaggcagtat atgctcctca tcctgttttc    300
atggaccgtg actgggatgg aaaattcctg aacaaatggt tcaccctggc gaanaacggt    360
gaatgtggtg gccgcggtac cccatgggct ggggccgaaa cgcaaaacat tggtcaacct    420
gttactaccg gcaataccccc accgactttc acactggaat ggctgcaana acagggcatt    480
ggtggcctaa ttggaaaaaa acatgaactt catgctgctc cggtttctc                 529
```

<210> 2886
<211> 479
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 2886
```
agaggaagct tcgtcggtgg cgccgctctg agagaccctg acaccaatca cagtgccaca    60
aagttctgaca acgggcaac aagcatgcga gacgttgcac ttgccggccg tggcacaaat    120
ggcgagttga gcgacgtga catactacat gattcacgtg gtgtgagtcc tgtaagtagt    180
gactcggatg atgacgaaca agttcctgcc attactcctc ccccagcgat taaggaccct    240
gttgcacgac aaagcacag tcccttaaga gactccaggt ttagagagaa cttggacaat    300
tgagtagaca atacgccaag acaaggtnac ggacaatgaa ttgggttggg caagttggca    360
nuatantgtt tggcgtataa attgggtttc ctggtttcct gtttctttga acgttgcagc    420
ggttattaac aaaacgttac ngtttatgat tggccactac tagggttatg ttttgccta    479
```

<210> 2887
<211> 542
<212> DNA
<213> Fusarium venenatum

```
<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G

<400> 2887
cgtgcaatcg catcaatggc tcaaccgtcg cctttcctcg agccaggttc caccacttct        60
tctggtgacc tggcgatcgt tcttctctca cgcgacaacc ttgaacccgt taccctcgag       120
gagtcnactg gcgcagttga tggctacctc gaagcgcaac cctcaacaca cgattcggat       180
cttttcctca ctcgacgtta ctcaatatcc cttggggatc tcaagtccgc gcatcaaatg       240
ttgatnctgg atcaagaaga cgaaagcgcc gccgtgaagt gactgacgac gacacaccaa       300
caacgactgg cctgatgaaa agttactagt gtcnaatcta agcctgcgaa aaagggtgtc       360
gtagcacaag tggctttatt catattcttc gaccgacccc gaactttgga ngacanctcc       420
ccntcgaacc agttgttata ctccgattac agctacatcc tacagaagat acaacaatnc       480
cggtatcncn tatcaaacag ggccggtgtg gtngtttnaa cacnctctgc ncactgtttc       540
aa                                                                       542


<210> 2888
<211> 499
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 2888
nggccgccag ngtgctggan ttnagcacat acaaaccaac taaacgaaca aacacacttc        60
aattgtttta cacaaacaaa tcaataactt cacaatgaca acaaattcat tcggatcagc       120
tcttccccgc tttgacttcc accagccccc agctcccaga ctcacagcga gactggcccg       180
ctcattaccc actgcagcgc tcgtcacaac agcagcagct gcatacgggc tcacatatta       240
tgtcctcaga cagcaataca caatggccaa ggctcaacac aatcgagctg tggaaacatt       300
aaacgaaatg aaagagcgtg ggaataaaac ggacgagtgg gtgaaaaacg atgcattatg       360
gtggacggca ttttgaacag gacacgagaa cgggcatgga ctagcgattt gaaacatttt       420
tatgcatttt tggaatagca tatgagcaga gacagtattt aagcataaga atgaaattaa       480
tttatgacca tcntaaaaa                                                     499


<210> 2889
<211> 324
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 2889
ngccattctt gcgcttccaa agcaaagtaa ttgatncana gcttcattga acttttcctn        60
tcaactatt caccatgacc aactccgagg ttcaaacgcc taccaatagn tgntgcacag       120
cctgttgcaa agccagngat cttggaacac atgactactg cgtgtanaat cgacagaagg       180
acaaacggaa cqgnacgccc aaacaggntc attcaaaagg gtgtgatggg aggagtccgt       240
ggttccnaaa gtcccctgg aanctgnaca aactttgcaa nontgcaggt tggggccntc       300
cntgtccgcc cgttcngggg aaaa                                               324


<210> 2890
<211> 628
<212> DNA
```

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 2890
ttccagtcac tcgtttaaca atctcggtgt tgatcacctg ctggtccgtt acactccttt   60
gaatcactca caatcgactt gtgtgtttat tctctacagc aaacggctct cgtcactatt   120
ttccctcctc ggtgaaaaca cttgcgcaaa tcactatcac aaccaaaaag aaagaaggaa   180
aaaagcaaca tccatgaaaa atgcgtttcg tcaattttat caccgtcttt atcggcctcg   240
ctgccgctgc gcctgctgtt gcacctgctg ctacacctac caaagatgaa atgatagccg   300
tcgcgacttc aagctcccac cgnttctggg gatcccttca cctattggac ccgntaccta   360
tgaatcggca aggcctgcga tgaggacacc tactttgggg cgcgaggccc tnaaggacac   420
caagcgggca aaaaccggaa tggngctgcc ctctggcaac tttcggaacc caacggactt   480
tntcgncccg ngcttgtgaa acncagcgag tttgcttcga acggccnctt gatgnggcaa   540
gctggtcctg gcgtttccnc cggccaccan ggattgatgg cggngccaaa aattggggac   600
atgcaaaggc cgttttgnaa ccctgagg   628

<210> 2891
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 2891
caaaccgcca tatcgaatct tcagtaccct agtgtcattc aatccgatgc tgatcccaga   60
tcatcgactt cgagttccaa atcaggacct ccatcggttc tttctggagt cgaaacagcg   120
cacgagacac tgacaccaga agcacgacat gtaccgatcg aacgaagcgc atctgctgag   180
cccaatggta acgcctttgc cgctattcgg gatggcatcg taggtcttaa tctaggcaaa   240
gggatgctcg ggcaacttac tagcaccggc gagactgcct cgtcttcaaa tccagctccc   300
gcacccactc gtaacgatca ggagctaagt gagatgacat agaaggtcat gtttccggag   360
tcagatcctg gcccatactt gatcgtcgaa acacatgatt ctgtcaggta ttgctgttcc   420
tggtcacaca cactggcagc cccgccgctt ttggatacag acttcgctat gtcttcaagt   480
tggggtagta ttcgcagtgt acccggcaac ttgagtggaa gaatgggagt acatcagacg   540
gtgcgactgt gaacttctag agccttgcct tnatgtcacc cccaacgctt tcttgcacca   600
aaagaaaagc ctgggacgcc tcgtca   626

<210> 2892
<211> 213
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 2892
ncocacnagct ntttatgttc naaggggacntt gttggccata ctnattgctn acacccacat   60
aatactntga ccggangact actgttggac attcttntga atgacaagga taacntctgc   120
tggtcctcga caaagctatt ntttcaagtg aaacatgcta anggtgctaa ccncaccaac   180
ctttgtnacc gggantatta atacttcaag att   213

<210> 2893

<211> 786
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 2893
attcctcttc caaaggcttt caaaatctag ctccacttac agtagaccga ggtcctaagc   60
tcatactgcc gatcgcgata gctatctctc aacaagactc acaccccatt gccgagtatc   120
ctcacttgga cttttttagt tcgattttta acccgaaact atcgcaatgg ctcctctcac   180
tccccactgg cagcaaccct cccacccaga catccaagaa gttgtcgtcg taaacgccca   240
agaattcacc accaagagta tctctcgggt ctctcttcca ccctttgcag tatatgcaaa   300
gttcgatttc ccgccttgca cacctgccag cgaacctacc tacgctactg tccagaccgg   360
ccgcgatacc cacctcagcc tgaacagtga tctgctgtac atcaaccatt cttgngaacc   420
tactcttctc ttcgatgtgg gaaacttgaa cattcttgtc ggccccaagg gtctcaacgt   480
cggcgacgaa gctgacattn ttctaccctt ccaccgaatg ggacatggcc caaccttttg   540
actgtntttg cgggacacgt tcttgccgng gtcgcatttt gggcgctcga aanatgancc   600
aagcccagct tgatggnatg nggcttaatg gccatattat acagntccgg ccgancanat   660
ggntcnttcc aaaacccca caaccaatgc cctttgggat gttgttgttt attcttaaaa   720
gggttttgga atcacttgtt tgcccttcgg tcggacacca acaataccccc ccccaaaaag   780
gaccccc   786

<210> 2894
<211> 190
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 2894
natatgaaca gcccnaggan aatccatctt ccnggcccna gggtcggtct ttaagacact   60
cttttaagat ttgggngcat gtttttagaan ggatcccccct ccaaaaccga caccagaggn   120
cttgtcctac aacacaactt gggaatnang gttgcccaag caantaaagt ttttcgngga   180
tttcncccac   190

<210> 2895
<211> 156
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 2895
nccgcngggn atttntcatn taagaggccn tttcancttc agantcactt anttccatgg   60
gatttcncta attggggaac tttntcaaca gttnctgnga acctnttttcn ttgaaanctg   120
ccnagnntgc tttangncag cttggcctgg gtnaan   156

<210> 2896
<211> 568
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 2896
gcgatgcctt actgagactc tatcatcgcc aaatgccatc tggacattga catcgntcat   60
gctgcccaag acacccgagt ccgatttcaa gcgtgattct gccaacccnc tggttgaggc   120
tatcatgaac tatgagctcg ttcacgtcga ggcttacatt gttcacgtcg acatggtttt   180
gcgaaacgag gtagcctaca agctcacaaa agataccatt gatgctcttg ttgagtacca   240
caaggagatc cactgngtcg atgctaaggc caacacatac gactggaccg acaaggagca   300
acagtgcaag aagcttcacg aggattttgt ccaggacatn acaagttggt ttccgaccac   360
gtttaagccc ttgagggtct tgaggagaag gtgccggnaa ctgttttgcg gaagaagtna   420
ggaggtnaag aacaacatna gggctttnat gaagcccta ttaccctcn tcttcctggg   480
gtnattgaag tnggccggaa accaaaatgg tgccaanttt ccggntnaaa aatangggca   540
naactggntc canggaaccn ggttgccg   568

<210> 2897
<211> 136
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 2897
nagnatctag ntgggntctc ttgcgtacac ctngntgaac aagatgggac angacggact   60
tgangccaac aggnatngca taccgattga cccangtcta caggaagatg atgcgaatca   120
tagccatcat gacctg   136

<210> 2898
<211> 581
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

<400> 2898
tgatgtccgt agtcggggat gttgactcac acgacgccgg ataccgcctc agcaaccctt   60
caatgcagcc cgtttccccc cacacttaca tggctcagca gcagcagccc gcctggaaca   120
tgtatcccgt ctactacccc caggctcagt cctcggttca ctgaaggacc aaaatcagcc   180
gggtgcctgc tggccggtac ccgtcctgac caccccgccg gcctgccgct tcgatcagct   240
cttggtcggt ttcctccaag actgccgtcg tatggccact gcagantcac tcgcccatac   300
actgggtccg actngaatag acgtgcggtc cgtatttcgc agtcacgana gccagcttgn   360
ctgctcgcct catccgatca cggatttgat ccggagtctc atagacacng cangcatgac   420
cggctcatgg anngcattgc aatctttgcg ccccttcaaa caatgatatg ttngcttgca   480
caacctacgc cagaaanact ncgcgactgt gcgangacta cgcaccgcgt nagtyccaac   540
tgacactcct caccccaatg gcttgactaa ttcattgggg c   581

<210> 2899
<211> 415
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or G

<400> 2899
ctctttgcta cagatacagt gccaagaggg atgattatgc cagaacttga accaacaaat   60
ctattgtttc tcatatgggg tttggtcttt cggagattaa cgctattgnn ggtggattca   120
cttccactat ccccggtcca ngaattcggg aggatgttgt cttaataacc ggggtttcgg   180
gtcaatacat acaatggacc aacaganaca agtttagtga tggttgtgtg atggctcatt   240
actgtcgtct ttttgaatgt gagttgagcg aaattggtct tctgnggagg ccaagtttgg   300
tgtcgctatg ccattggtgg gcatcagtca attcttatgc ttcgatcact cgtcgcactc   360
tcgaacaata taagatcagt gatatgattt ttcgtatcac gtatccaaaa aaaaa   415

<210> 2900
<211> 223
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 2900
cccaagagcg gnatcagcac tgttggtctt gccatcggtg ctctgctctt ctcctccttc   60
gctgctggtg ctttccagct gtaagactcg tcaattaagt ttgcgtcttt tctctgcggt   120
ttccatcatt ctacatcttg tcaataatta ggaggggtt ctataattat ctatgtattc   180
gcagttggcg ataaaacaat tgaacattta tttaataccg tnc   223

<210> 2901
<211> 145
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 2901
ntcgatatna aaccangtgc nagaaganac atacgcngct ctnatagata catccatncg   60
aacaagaaga acgatatcat ccaacgtgat gcttgagntg tctattagnc accttacctt   120
taattnattc cnaggcttgg ccccg   145

<210> 2902
<211> 119
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 2902
ncnaaagcga canaaccggg gcgggaccnc cccggcgcaa ngacaaaaan aggagnaggg   60
cnccnggggg gagagnncac ggggccaacc agcgcngggg cgaanaagaa gnccccgaa   119

<210> 2903

<211> 185
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(185)
<223> n = A,T,C or G

<400> 2903
nngtgaaaaa ataatatgca tcatatgctg gcgagcatgg cgntccggtg actgcanaca   60
gagangttgg agccttttgc cgaagcatcc ttggatgaac aagaatctca gatttgatct   120
ttatagattc ttaccactcg gtgcattgat caacatattt atcttctttt tacttgttaa   180
aaaaa   185

<210> 2904
<211> 271
<212> DNA
<213> Fusarium venenatum

<400> 2904
cgggaataga tgtacacaga gccctccaat tcctgcacct caagaaacca gaatgtcagg   60
tctaacggct ggtagaccca accattaaaa ttgaaggata gcggcggcac ggcgactaga   120
ggattgtgaa ggccagcatg ggcaagtcaa cgcccggcct gaatatcgtt agtatttgag   180
gagaatcggt atgggatggc tgcaaggctt cttatatagt catgagcagg cacgacatgt   240
cgagtcaaca aaatacaagt cgcttgcatg g   271

<210> 2905
<211> 686
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 2905
catacatcct catatttccc ttgcacagag ctactctgtg acaaaaaaaa acctacaagc   60
actacttatc tacaagacgt caccccatca ctcatcgcta gtcgcatcat taccgtcgag   120
tgtacgtcat cccttggcta agccaagcca tttcaacgcc gcaaacgagc aacaagttat   180
ctcttgggtt aaaagcaaat tttgtttaat tcaagcattt cccaaacgtt gcttactcaa   240
ccatctttct cgtgttgctg cgacaaataa acacaattcg cgcatcttca tcttcaatcg   300
caacgaccat cacaacaatg gcgcccactg acgatctcat ctttgcgcgc gacttcagat   360
gtggctctgg ctacagttac agctacagta gaaacagatg ttatcgaaac agctggtcct   420
actggggacg ctgggtagtc gcgggcattg tcatcttttt ctccttctct ttcttatgtg   480
ctgcctcatc tcccgtcgtc gtaagantcg tggcgttaan cccgtctacn gcactggctg   540
gatggcnggc aagccctggg gacttaacac aacacacacc aggcctacaa ttaccgcaac   600
aaagtggct ataccagaa ttccacacca aggagntaca cacagaacaa cgnggtacaa   660
tgnccctcg ctatggtcac agaaca   686

<210> 2906
<211> 648
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(648)
<223> n = A,T,C or G

<400> 2906
```
gaaggacagc agcagcggcc ggttatgtct gcgtggtatg ctggtgcacc ccatcaagtt      60
tgagcatcct tcagagaagc cttaagttga gggatgcaga ataacagtcc ttcaaccttg     120
tcgccgtcat gagcaaggcg acgctatttg tccaccctcg accagcgcac acgacagaca     180
tcaccacgca catatgcatt tgcaggagca tttgtacaaa tatacccacg actattactg     240
aatggcaaga catccgattc ccaacactac gatgagaagg gtgatgacgc gaattctatg     300
catctatttt tatcagttcc ttcgccctgc ttgcattccg tttacggaac cagcgaactc     360
gtcctagact tacctagaca ctttattatt tgaaccttac cttctatttc tcttccaccg     420
tctcggtatt ctctgcaatc aagggtttcc agaacgccgt cctaatcaat tcttctcatt     480
cagactggga atggtatgag ggtgtctgca tcattcaaca ctaaaaattt gngttttaac     540
tcgctgttat tctctggtct caatttatca atcggngtgg catgtcgttt ntgggtacca     600
gacattcagg actangcgcc gggaatggnc ttccgctatg ctacangg                 648
```

<210> 2907
<211> 676
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

<400> 2907
```
attctccctc gctcgtctcg ctggtgggat tctaaccatc ctccttcggt ccgaccctac      60
tagccttggc ctcatcatcg caactaccgt gctgctcaat gtaggcctca ttccattgat     120
gatctccatg gttgggttca tccgtttgat tatgaaatca agccttgatg agaacaaacg     180
agctttcttc ctgttgaaga tcattcgctt cgcattcatc gccgctatca ttcttctctg     240
tgttgctgga gcttttagtg gttccagtat acacctttca cgacatttga cacaggctgg     300
ctatgtcact ctggctgtcg tcattgcttt gatgactgtt gagctactac acctctatac     360
tcagaagcac cgcatttctc ccgagaagca cattttata gagctcactc tagcaagtgt     420
tccgacactc gtcctacgaa cagtctatgg actactttgc gctttcacgg ttgacaactt     480
gacgaccatt ggaattcgct ggttggatct gctgtagcgt tgctttgatg tgcctgctta     540
cggagtacat acacttctgg tttncttttc tcgggattcg cattggcang cgttgcgctg     600
aaagcttggg aagtatcgag atgaaatctt gaacacatga agaanccttg anaagaaaaa     660
ntaggaagtc ggtcta                                                     676
```

<210> 2908
<211> 117
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 2908
```
naccacaccg ctcacacctc gacaacnccc gcacnacacg cncncngaac gancccaccg      60
cctaacgaca cccgcaacnc gncgagccgn cacacccccc acacaggncg accaaca         117
```

<210> 2909
<211> 112
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(112)
```

<223> n = A,T,C or G

<400> 2909
nggggnggga gttttnggga aacccggngg attttaaaaa ncccgacang cncaaagggg        60
ggttactaca acnacngggg ttttttttccg aaanggggggn atccanaaag ct            112


<210> 2910
<211> 613
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

<400> 2910
gaccaaggta gtgagagacg tcccccgcgt ccgcgtacac tgggactctg ggcgtacaac        60
ntcatgcttg caaggcagtt ggggcctatc caaactctga acaaacagtg gggtcaagag       120
ggcatctctg aagattatgt catgcaacgc gtcgcggatc tagcacaagg cttacggctt       180
tgggaagcga gactccctga cggaaagaaa gcgacagagg agaaccttcg agcacatagt       240
gccaaangcc ttggaggacc attcctcgcc atacatacag gctaccacca gcatttcgta       300
cttttgcttt ttagattctt agatctcaat cggacccaga caccggagac tatcgagtac       360
gccgagcttt gcaagcatca cgcaagttcg ataagtcatc tcgtcaagct ctctcgccaa       420
gttcccaatt gtgaattggt ttttggagga atgggtnaca tgacanctgc ctcttctgca       480
gtcctactgc atacgcttgt gtttggtcag caagatgacc ngctggtatc cgagccccan       540
tttagantct actangaagc catccatgag cttcaaaaat nctgggcctt ccaattgaaa       600
ctcagtgagt aga                                                          613


<210> 2911
<211> 387
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 2911
tcgtcaacaa agatgctggt cactattatt tatttgagtc gagacttaca acgagctagg        60
cgtctcaatt accacggtac tcttcaactc agttacaatg gtcaaaaaac ttttgattgc       120
tgccactatg gcatcgatga ttccctcggc caatgccttc aatcccgctn aagatcggtg       180
gctttgcaac aaaangatgc tatctgcatc actcgttgga tgggctcaac attggtgaag       240
atcagcgaan gnttgttata ttctgngaca cctggcagag ntccaacact ttggaagacc       300
cancctggtt ttggggatac atttccatag ctggaaggga cgatanactt tccnctttnt       360
gaggggcttt tngaanaacg gtcgcca                                           387


<210> 2912
<211> 694
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(694)
<223> n = A,T,C or G

<400> 2912
attcttacac agaaactaaa gagtttctcg ctgtctcttg cgctcgagtt gctggtaaac        60

```
cagacaatgc tggcagcgcc aaggaacttc ttgcgcgcga gtggccacat gcgttaacca      120
ctgggaactc tgactctcca tttcttctgt caatgctaaa agtgtacgtg ggaagccata      180
aagaagacgc ggacaggtca aattttatcc atcaagtcac gcaaaatgtc gagaagttac      240
tcaccagcga ccgatcactt ccaaaaatga cacataagta ttcttctatc gatcttgtga      300
cgtttttctt cctcaactat gctttcgaga tctacgacga ttgctttgac caggcaaatc      360
ccccagactt cgtgacagag cacctcttgc acgagttcat caagaaacaa cctttcataa      420
agacactcag cctcaaccgc cctctcctct acgccattgg gttgaatggt gccaggaaca      480
actccgactt aaccaccctg tggctttaca ggactccccc gggaagccca gcgcaaacat      540
gcgatcctgg gggcacaata ttcaagtttt ttgcaccctt tggggggtca tggtcaactg      600
gtacggcaaa ttgngccccc atggacaatc aggcgaatcc gctttgnata actcttcgga      660
ctctgggatn tntttggatg attgngatga acnt                                   694


<210> 2913
<211> 164
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G


<400> 2913
ggaaacccct cttcccaggc aagcagcgaa acaacttcta agcaggatca cgccaaggtg       60
aatgtccacc tcgagggtca tcttctgatg ccctcaagcg cacaacgaac ccttaacttt      120
tttttgggca ggcactattg gcaagcgang gccctgaaaa acga                       164


<210> 2914
<211> 556
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G


<400> 2914
ctttcaacat gatttccata tttcccatgt atccatgtcg catttttgtc atggaattct       60
tcgctggcgt actcggcatc agcatatcgc tttgtgctcg gtccccagat caacaaattc      120
ctccatcggc attttcgacg ttcaatcttc acccaggcat aggataagct aggcatatac      180
gttttgcagt ttcctaacaa tctgaagggc ttgagacatg ctatgttgaa ggttgacatc      240
acctgccatt ggtaccaatt ctcaactaaa caggtgtta tcccatcagt ctagagccaa      300
ccgtctcgaa aagaaatcct atgtggcctt gtactggtgc ttgggctttc cacatacgta      360
ctatggacca cggaattaat tggtcaagct ctggcttatc aatgtgcaat agattcactc      420
gattgaatgc atctgatgct cattctcaca agcacaacac accatcctgc acctcaaaca      480
tgctcaacgt actcggtaca ttgtctctct tccattgcnc cgcctaatgc gcaacacncg      540
tattcanact attact                                                       556

<210> 2915
<211> 622
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G


<400> 2915
```

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```
gacacaacga gaactcaatc taccgggcgg tgctggtgca natccacagc acgttgtaac        60
gagatctcta gaagatttac agattcaggt caggcgatta accgagtcgc gataagtttt       120
ggaaagacaa ctatacccte aaaggggggca ctccgccttg atcccgatcg aaaagcgtat       180
gccagaactc gatgccaacg cccgttagtt tccgaaatgg catggatgag ggacctcgaa       240
taatacgtaa cctgtcaagt ttgaggcgcc agttctcggc agctacctcc ctggatactc       300
ggaagagcct caatggcttt tgccaatgtg atttgacagg gaggaagtga ggctaggtag       360
gagattccat gccgtactat ctactggcag agccaccctc agcgcccggc ttaaagcgat       420
tttgtttcg gcctagacga tgtgctgtgc tgcgctgcgc gggttgtgtt gcgttgccgt       480
ccgctacaga ctatgatcca agctgctggg ctcgaaacaa gtgtgtatca catcacaaca       540
aagaagaaca aagccgagtt ccgcgcaaat gccggaaagg attccancgt gcaatcggga       600
atccggncgg gcgttttact tc                                                622
```

<210> 2916
<211> 488
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(488)
<223> n = A,T,C or G

<400> 2916
```
gagaatggcg gtattgagct tcaagctgaa gcaggagatg tctttgtcat tccagcaggg        60
gtagctcaca aaacgtacaa caccaaaccc gaagcagagt tcaagctcat gtcacccggt       120
gttggacacg gcatcgaagc tgatgatcca cgacaggctt tgtcagagat tgagttgtcg       180
ggctatacca tgatgggagc ttacaatggc ggaaattggg attttgtcaa gagtggtggt       240
gactatggca agtcgtggag ggttcgaaag cccaagtgtg accctgtatt tggggaggtg       300
gatggccttg tgaanagttg gcctggggac nacaaggatc ctgatttgga aattgttcaa       360
gtaganaaca gggagcgtca naacaggggg tccaaacttt agatgtaagc attgaaacaa       420
tcttaccaat atcataaccc acaacttggt gnggggggttg actgtttcat tttgtttggg       480
catagtca                                                                488
```

<210> 2917
<211> 577
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 2917
```
gaagaattct cggccgcagg aatttttttt tttttttttt tncttgtgga tgtctttatt        60
gaatgtttct atatacggat actaaactga tcattatccc gtactgattg ctccctcggc       120
acatgtgatt tcctacgtgc ggcgaatgca cggcacatac gcagtcttat tcaaccggct       180
ggtcccctte tctaatgaac gactccaggt tgatcctagc tgtgtggatc acagaagccc       240
caagagtatc gattcggttg atcttccgac caagatatct ccccacacca tccatacggt       300
tgttganaty ggcgtattgg tcatcgactc ggcgctgcgc gaccgagctc tggaattcag       360
ccgggttaag aattggcatg agacgatgag tngggtagaa tcgacctcta atcgactgct       420
ccttgaacac aacgttctcc ttgactattg cataacacca tcgttgcgcc ccgactgagc       480
gacccattgg ctctcgctgc gcaacgcaag gggaaggtat catcccngac aattttgggt       540
gatcttcngg cacaactggt taatntaacc cggaaaa                                577
```

<210> 2918
<211> 473
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 2918
cagtcaagca cgattgaggg tggtctgaca ccagcgcagg aggatattct ttaccgagag   60
ggtaccattc cttcggctga gaaggccgaa gctctcgttg cacaagcana gaaggctgag   120
ttggactcnc ccgacagcac tgagatgcaa aaccccggac acaagtttgg tctaccaaag   180
cgaccttggc cggaaggttt caacatgaag aagcgttacc atcctgtgct ggagcaaatt   240
gctcgactcc tcatgaagga tggtaagctc agtgttgctc aacnaaatct agctatcgtc   300
atgagctacc tccgaaccgc ccacctncga tctacagtcc gaaattcccc ctnctgcccg   360
gtactccccg gccacacatt tcctttnaac ccgattntat acattaccgc gctattgact   420
cggtagctcc tctcctnaaa accgcaacgt ggcgggtgcc ggtggtggtg gtc   473

<210> 2919
<211> 455
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 2919
atagatgcta ctcgtttctg ccctggacat ctccgccatg gagatctcat gggaaagcat   60
ggcatgagcg gtcaccgagc aaacctttct gagtctatag cacagatggt tcgacgacaa   120
aacacaccag cacccaccga cacacaggat tctaccgccg accctactga tgccgctgtc   180
gacgaagctt ctaatgaagc ttcggcacca acagccccaa cggttccact gnacccacgg   240
gtctacagct tcaactggcc aactgngccc actgccctac ggttcttcag acaccgnagt   300
gccgcctnng atactgntga ggcgcctacg gacaagcttc cgcaccaaga agaagcattt   360
gaggaaccaa ccgatcttgc ncaaatgaag attagagcac agaaccaagc nttagtaccc   420
acggcnattt gacgagcgac tttgcatgtg gccaa   455

<210> 2920
<211> 344
<212> DNA
<213> Fusarium venenatum

<400> 2920
agttgaaatc gctgcccgag actggctcac ccaagctacc aaccaatacg atgccaggtt   60
taagggaact cccagacatc aagactggac cagccgtata ttcaacgaca atgggtatat   120
cagtaaaaag acgctgaagt ttaatggagc gcgcggccat ggcgcccgta atgatgaaaa   180
cccaagaatc tgggcgcaga gtaatttcga aaagttgtgg aagcctagtc ttggtgcggc   240
tggacctttt tgaggctctg agcctcggca gggtatcaga aactttggcc gcttgaagta   300
taagagacga aattagttag ttaatttatg ctcggttcga cgtg   344

<210> 2921
<211> 465
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 2921
tctcgacatc cttgctcaca ccgttagcga ctgggtgatc gtctgtcttg tcgtcgccat   60

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taactgatgt ggattcaggc gcgtcgtttg acttatcagg agtcgcatgc ctggtagcaa      120
caaagtcagc taatgctggg gaaagatgag actgcatcgc gacaatgcgg taacacattg      180
cgcgccagca cgacttggga acaacttacc cattaacttc cgactttttgt tccttctctg      240
tggtgacatc acgcgatgga gaatcggcgg cgggaggatc ggggttgggt gaagccataa      300
tggctggtcg cgataaatgc gcgtcaatat taagtgtatc ctagttgacc cgatgcgaca      360
tgaaatagcg atgcgtttac gtatcaatgt gagtcgtatg ttatcgaaag gtaagcgacg      420
tgattttgat gcgcgatgga natggttggg gtggggaccc tggaa                      465


<210> 2922
<211> 158
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G


<400> 2922
ntcgcgatgc cnacacgcna aaaattgctg tcaanggtgg aacttctgct antcctgaat       60
gctggattgn cggcanggtg tgactatgat gtgaataagc caatactngt ccngagttct      120
actggacncg aataaccatg ctcggagnca ttccatgt                             158


<210> 2923
<211> 394
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G


<400> 2923
tcttttctca tccacccggc aattgagcgc acaatggctt cacggantgg tgttctcaag       60
gcgctctctg gcgcctttgg cgantatggc ccttggtggc ctggcactga cgccagccac      120
tgttttcgct gaaggaccca gcgacctcaa gcgaaaaccc atttacgatn acttcganat      180
cccagcatcn aagcccgcac ccgtganacc accacccgct gccacgacgc ccgtcgctga      240
gcccattgaa gatgangagg agaggcacta ttagcctacc ccnacngatc gantggctgt      300
ttacntcgga aaagggcgtc tgtctctgtt caagtacctg tcgctgccga aaccaaagtc      360
cacgangtca tggattcggn tttcaacctc caac                                 394


<210> 2924
<211> 650
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G


<400> 2924
cccagacsta gaagtctcat cctgtgtccg tacatcatga acactccaca atcgtcaagt       60
ttcgccgcct ctgagtttat cacgaaaaau cctggaaagc cagttgccca gaagtacgtc      120
cgaagacgag gcctgaatga ccagataaaa tgggttaggt catggatggc caaactaccc      180
caaggagatg aggactggga caacaacagg ccttcgactc cggaggacat tttacgtttg      240
catagtcggc taaccatctc ccacatcgga tcacgccgaa acatggactg gtacactctc      300
ctcgatactt acgctgccgc ctccaaggac tttgaacctg aagagagac tcaaacacat       360
tgcatggtca tggtcgcatt gtgtcatgtg gctcatagtc aaggccttac gacggacgan      420
```

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```
gtaatgacng gcatggcaaa atgcgtcagt ggaggaagcg atacactaaa gattcaaagc      480
gaatcgcact aacaaagtgt gttgcaanat tgggngatga acttgaaaaa agttattggg      540
ggccncgggc atatgaactc cccgttnaan aattgagccg cctaanttac ctttggncaa      600
cantttanca accgaatggc ttcaaaatcc aacccaaaag agtccatatc                 650


<210> 2925
<211> 256
<212> DNA
<213> Fusarium venenatum


<400> 2925
gagacaggca gttccgaaac cgatgccact tcaacaggaa gcagtgcttc tgcgactgct       60
gagagtgatg agaacggtgc ttctggaaac atgcccaaga tgtggctgag tcttggtgct      120
ctttgcgctg ccatgcttac gatgtaaatc ttcactacgg tatagaaaga acgtctctct      180
tctagattca gttttggttg cttatagatt ggttgccttt gtttatagat cgtttgaata      240
gacatcattg actggg                                                      256


<210> 2926
<211> 501
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G


<400> 2926
cccccgatgt gcaaacactg cttgttcaca tgtgtgctct tcgcctaatg tactaaggta       60
tatctgnacc caggtatgta tgtatgtacg tacctacata tagcgtatcc ccgatgctaa      120
acccacacac aatgcatgtc agccccagat acagcgaata gagcaagaga gatttcctcg      180
aaatcggatt cgggtcagag atgggcgatc taaatgacaa gcatcggatc ttgacattcg      240
ttttgcttgc cagctgcatg agtttggcct gatcttgtgc gcaaacnana attactcggc      300
ttgactgagc tgttgcaccg gtccaaagga catgtacatg gagctagata tgaagtatcc      360
tctcttctca tctcatctca tctcatctca tgtgatgtga caagtgatga ctttgtactt      420
ccgctgtgct gtgttgtctg tagtgtacga agctgtcatc agtagtcgtc tcctcgttta      480
ttaagcagtt gcataacccc c                                                501


<210> 2927
<211> 136
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G


<400> 2927
nccagcacca cggccagctc ctggatgtca ngtccctctg ctggangana acaaacggga       60
tcgatcattt gatacttcnc taaacacagt ctttgagtat ngctttccgc tctncgntca      120
gcatggtnta caggnc                                                      136


<210> 2928
<211> 412
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
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<222> (1)...(412)
<223> n = A,T,C or G

<400> 2928
aacattatag cattatcaac accataccat agcatttaca acatggccga aactctcctc   60
gaagctcgat acgtctcccg agcgaaactg acgaacctcc tcacaacact gtntggggat   120
gcaaagaatt acgatgtgac taccgaaaat gacatgattc aagtcactgc accgcgtcaa   180
cttactccga aattgagtca attacggata actgagaaca ctcatgaaag aaatacttnt   240
cagatacaga actctagctc caggtcaaga aataaaccgc gatgatgaat tacaatcaag   300
tcctagattc ataaccctct aaggttggct cggaagcgta aggctcaana ggtcaaatca   360
cgtttttatg tcatcttana tccgccccaa ttgaattanc ctcctttttt gg   412

<210> 2929
<211> 411
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 2929
gcctatttct ctgattacga tgaggtaatt ggcaacgagc ccaaagaaca acaactgttc   60
actgccgaaa cgccgatngt cattgtcgac tctgacgcac gacgcgcagt ctcagacaac   120
caacgcgcca ttccgcagca tcccaacccc gcaactgagt atcccgtacg tggatttggc   180
gatgcattgt tttttaatgt ctttgattgt cagcaaatcg acctgggatt tttagaatcc   240
aaaaataaga cagtcgaaga tcctttgcca gataaattat ttcaaccaat acatcgtcga   300
gctgagcgac tggaaagatc agtacgcaat gctgaaaaag gtcgagctca acatgaaaaa   360
gaccacatta tccggcttct cgagggcctg ccaaaagggg ggcccccca a   411

<210> 2930
<211> 649
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 2930
tttttttttt tgcatgttgg acgaaacacg gaacgaattg ntccatatgg tatctgcagc   60
gtctatccat caccagatgg aaatcactca gtccatgtac caaacatagt atatcgnaaa   120
ctctatctgg tcattctatc tctttcatct aagcaattct tacacgaaag catcagccct   180
ttgggctcct nagaagtcat ccaggaccgn gggtatcaac ctctttctct cgatccccat   240
tttctatcca gaatactgnt cttcatcatg ctttgcttct caccaactca tgacttccct   300
gccgcgatca aatcgcctng tagctgacgc tcaggcttga cgaccttgcc tntgagcaca   360
gtatatggn tcaaggtctn acagtcttna ggcatgacac gagcaaagcc agatgccctg   420
cgntgnacca acgctattct nttctgaacc attggcgctg cacccggcct ntcaccattg   480
ggcatgccgt ctgntgntcg accgtatcat tcaagccaaa cgcattgggc cgcngnagat   540
cattacatta gcagaatact tgngtcctcc acatggntga tgnagtaaaa acccacttca   600
ccggggcttt tattgngtan atccgataca aggccgacng gctnagtgg   649

<210> 2931
<211> 122
<212> DNA
<213> Fusarium venenatum

<220>

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<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 2931
ncactggngg gcttaaggga agcaaggncc tctttaagtt nggtatcaac ttcnacnagg   60
atattatctg ntacaacatc actntgtatg ggttcngtgn agactaccan tatgcngcca   120
ac   122

<210> 2932
<211> 256
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 2932
tttcttttct ctctctctct cctttctaa cggcgggctt agatgagaac gatgtcgtcg   60
cacaacatgg ctggtgcgac gatctcgact tgattcttga aaccctccag aaaagccatc   120
aaaacttacg gnacctgatt ggcttgttgg aagatacatg caatgcaatg cgcctattct   180
tctggcgtac acgatagggt ntgacacgca ccgttggatg aggttcagtg ctggtccctt   240
gtaattaatt ttgtaa   256

<210> 2933
<211> 165
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 2933
ntantcgaan aggnccttga aaatccntgg nacctggnga gggnaaaggt ggtcgtaant   60
accntttctt tcccgganat tccaccatnc caaanggccc ntgagctttn tatgcnaaag   120
cttccctttt ccttgntcgt ccgttntact ccccagggac ttcta   165

<210> 2934
<211> 243
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

<400> 2934
ntttcgcttg dattgaccaa naacatggtg tttanaaatc ctccaanggg ccagactgac   60
cngataatta tgtggagaga cgatggtgca nggatatga anatcgatgg tgtttgggan   120
anaagaggca cgagagttac tcnacctgct gattaccatt tatganaaag ccaccggcgc   180
tgatttgata aatttntttt ggattatgtt ttgcagacag ttaacttaga tcactatncc   240
tgg   243

<210> 2935
<211> 558

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 2935
ctgacaaagt ttatgctcaa atccaacatc tcccctact cggactctcc tgttgtgcaa   60
cgctgctacg gtatctgggc taagggacta cttcctctga tgttgaactt gcttacagct   120
ttgggcgcta ccatcgctcc anaagttgcc tacgtgttga accagttccc acacctattg   180
gaggcaagcg tggaccgttt tgaggcacca ggggcaagcc gtacgcagtc tcgagcgtcg   240
cctcactact tgacgcttgt ggctatttct gaagtccatt ctctggctct cctcacaaga   300
gtgcttgctg ctcttcgcgt aaacaacaac cgggatattc cggacgtcga atgggattca   360
gtaaaccttc ttgaaaacgt cgagttttgg ttgagcacaa agaagctgct aaaggaacga   420
cttatgcctt tgggacaacn nagaaatgga ttgggcgggg tatngaagcc cgtcccggga   480
gcatacgata gtnttttgga ggagaaagct gnggctcaac tggacgccat tccnggatgt   540
gtttggcgat gaancaga   558

<210> 2936
<211> 179
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 2936
ntcttcaagc angncgtcac tcgtnccatc accacatttt gtcaggccct cgaanntcct   60
ccatncggaa aggtnaagcg tntgccaaaa tccntgaagg aantcacgan gancaaccat   120
gcgataagnt ccaacaggaa nccaanccac aagttcnagc aataagtgcg ctcatcgat   179

<210> 2937
<211> 191
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

<400> 2937
ntgtgntcag acagcantan acaatgnccn aggcttaaaa caattagctg nggnacatta   60
acgnaattga aaancntggg attatgcgac gngtgggcga nanctatgca tttggaggnc   120
gtcgttaag aacngacac gagaaccnac atggactagc gatntgaacc attttatgnt   180
nttggaata g   191

<210> 2938
<211> 117
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

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<400> 2938

```
nggngactan tattggaatt ttgcggtacn aaatngggc cgngagcacc gggtgnttaa      60
aaaanatgga cgggattagg angggnacg ctaanatcnt tccttttttg gccccaa       117
```

<210> 2939
<211> 166
<212> DNA
<213> Fusarium venenatum

<400> 2939

```
ggacagctat gaaggggcag ccggtgccga tttggtaaag gttgtataga tctgggatat      60
tagtacggca taatctcaac aaacgaccta gacatgacct ttatagaata gcggcgaagc     120
tttccatata cggaagttgt actataaatt gaatcaattc cactct                    166
```

<210> 2940
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 2940

```
gggggaaact cagtcatctg cccagcgctt gacatcgcgc caggtaacgc accacctgat      60
ctgtttgctt canaactttc cttctttgct tcgcatcctt ggactgcttc tctactgtcc     120
gcgccggaga caatcccgtt cctcccgtcg tgtaggaatc ctcagtcacc tgcgcatgat     180
cagctttttg gaaactcgct taacaatgct cgnggcttga cacattttat cagctacttc     240
cgtgcgccaa gtgttgaggt tgccaagaat ccagcacata acatcactga gattgttgtg     300
ctggtatcag tgggtgaagg cgtaagcgga tatcctggta ttgttcacgg nggcatcgtt     360
acagctctct nggatgaatc catggggact atcttcgatc tgaacggcac gttgggcaaa     420
gaggccagag cgttcaagac gtccaatgta acaggcggaa tagacgtaaa gtttctgaag     480
cctgtcccaa cagacaagtg ttctctgtat cagagctatt gctgaaaaca tcgatggtcg     540
aaagactaca ntcaggggtg aaatgaagga tgaaccangg gcaattgctg gcgaattgct     600
tcaaccagtg ggtaagcact tgaagcccan ccttttg                             637
```

<210> 2941
<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 2941

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gcgagtctgc aaacaggtac atgatgaagc tacgttcgcc ttctacgta cacgaaactt      60
ttcgtctatt tcctacctat cctggcaaat acttcaaaag taagaacctc tgttggcaag     120
gttaagcca cagcagcgac gatgcgttac atctctgan ttgcgccttg ccctggatg       180
gaatgcgcca cctcgtggat gggttgttaa cccagcgctt ggtctctggg aatgcgtaga     240
tgttgancgc ctcaatgtct ttgtcgaatg cgacctantg acaatatctt ccaangatgg     300
cgcgatcag aaggttctat gaaggttcag tcggaacctc tcactgatgt nttggaagca     360
ttgccttccc tcaggttgtt cattcgatgg ttggactacn tcagaaatcc ggaaactgag     420
caaggtctct ggacattgtc aacacaaggc nccgcatgaa tggggtctga aaaagatgac     480
gacccnatac ataagtnaaa ggggganccg ggggtntcta agatcccncc ngatataaac     540
caggttntgg cttggctatn tgtcaaccga ctattcctgg tcga                    584
```

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<210> 2942
<211> 354
<212> DNA
<213> Fusarium venenatum

<400> 2942
cggaaacctt ggcgaattga ccacacaccg cgacgagctt ggccaatgct tcaagttcag   60
tgacaaggtc aaatctgtca gccagactga acacgtcaag ggctgcaagc ttttggtatt   120
ccaagatacg cattgcaggc atggagagaa gagccctaag gattttcaat gtctcaaggc   180
cccgaccttt ttcaatagct acaagactgt atgcaagtaa agggaactgg aaggaagatt   240
gtcgcttatg agcgtgaatt aacatggtga atggtataga tctttgcctc aagaaggtca   300
tttaataggt taatggtttt agcaatagtt tttattttga atgaatattc aggt   354

<210> 2943
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 2943
gggtggttta gatcgtagca ccagcgggcg tatgatatca agagaaccga accttacgcc   60
tatcacagag cgatccgaat actctaacag aaactcgttc atgagtctgg gtatgcctgg   120
ctttggagga acaacgcccc tgcaaagccc tggcctggct caacttgctc ttcttggcga   180
tcgcggcgac gagatgactt tatctgctct tctccggctt aggtcccggg cttggggggg   240
ttctcaagca agccttgtgt ccagccaaaa cgggtcccac gatcagaaag aagcgatatg   300
tccacctcac cttggggtca gagctttatg agcccaacga ctttccacac ccggaagaac   360
tcggttcttt ctaccatcag ccacgactcn gatagcgtan gcgcctcagg aacccgacgt   420
tgacaggtgg catcctggct ttacgctgtc ccaccacctg tccaacgttg gctaagctga   480
aactgatttt anaatgatct caatccccc tcacntagca gactgctcaa atctacaaca   540
acctattcnc atgtcgatca aaaaaatagc cnctcacctg tancccctta   589

<210> 2944
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 2944
ctaccagtcc taagatatct cgttaatgct acacgagatc catctcgtct caaacacaaa   60
ctttgaatcc tggacaggtg caacgcttat tatctagctc accccgtttt tatttaccat   120
tccaaggaac gagagcttat tatcttcaga tcgatgtgat ccggctgtct ctccctctat   180
tacccgtacc ggcaacacga ccgtccgtat cgtggcatgg ctttcgaccc aggtacttgt   210
atctccgggc ggtttccttc accggggagc tccttggctt ggccggggg ttacatttcg   300
ggctcttact gcatcaaata gcagaaagcg ctcaagcaag cgggtgatcc tcttctgtcc   360
actgttcaaa agaaccgacg ctagaatcat gatggagaaa aagaaaaaca catctcatcg   420
ccaaactctt gattgtcgaa ctcgcttgct attctcttac accggccccg gaagtgatga   480
caacggggga tcncaccgga tctaggaccc cgaacggact gcgccaaaca gcacaagatt   540
cctgcccgtn gggccgaaac cgaaaaacat aattccccga gcctgttcg   589

<210> 2945
<211> 588
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 2945
tgaaataaaa gccgcgtttc gatggaacca caactgtctt gccgacgccc tatcttccca   60
gaaaggatca tatccgagtc cttgatatcg gctggttggg ccatgatcgg gatcaaaatg   120
ccttcccagt ctctaacttt ccaaatctac acaccatgac catatgcata gcatataaac   180
atccgaatga agaagcatgt cggaattggt tgactccctc tttgcaaaca cttattctca   240
atctgcatac cagtggccaa tgcggtcctt cttctcataa ttgcatgagc aaagctaatt   300
ctcatgccat tgctgagtgg gcgaagatgg cgaagagatg ggtagacaaa acaccaacct   360
ggggctgaga naaatctgca tacgtgcata tagtagcgga natgatgctt ggcaaaatga   420
agatgaagta anttgtatgc accggagtta tgccgaagan atgaaggana acctcgtcag   480
tgcctgaaat acttgatgaa caagggttaa tcatctggat tggtatattg gaagaaatta   540
ctttgaacan gagcatnttt atntgagaaa acctanccga actaatct   588

<210> 2946
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 2946
gagctttctt gcggttacaa gaaggagatt ctcaaaaggt cgccagatca gtccattctc   60
gtatggagat ggcccttggc ccgcaagcct gaaacgaaaa acgcaacgga tgcacttttt   120
agctgatagc ccggccaact tcaacttacg cacttacgcc ggacaggagg attctgagaa   180
attcggggtc aggttaacag atcaaggact cgttgttcgt gtctggaagt gtccttgcaa   240
attaacgcgc tggaaccatg acaagacgga gcttatanac nctggggaca ngtggttggc   300
tgttctcgac tgcagcttat cgccagatac tctatcgcgg ccagcaataa ttctcgggga   360
gantccttat gctgaaggcg tttttcgacn anatcctacg aatgttatca tggtgataga   420
acacgatcgc ntgaagtcng gatacttgga taccgcnggg atcgacacnc gatacctcca   480
tcgaatacaa cctgaattcc aganagaaan aanccgcttg attngataca tcaaacanaa   540
atccnttaca agaaacttcc tccaattgaa atnanctcaa aacctga   587

<210> 2947
<211> 134
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 2947
cttctggcaa ttgacaaaca agatgaccct tcttaacgat accgtcaagg agcttcctct   60
ncgcattgat ctcaacaacc tgtctagctg gcagttccta atcatggnta cccttgatca   120
tttgatttc tgtg   134

<210> 2948
<211> 593
<212> DNA
<213> Fusarium venenatum

<400> 2948

```
ctgggcgaca tggtcgagtc tatgggcaag gtgtgtacag tggttccgag atcgtccacc      60
agacatggtc cctctgctgg aaagctccga ggtagacgca cacacagcta ccaccacctc     120
tccattcaca gcggatgtct attcaagtgc catcgcagta caagcaaatc tcacaatgca     180
ctattcctcc ctacttctac tttcctacaa acctcgactg gtcaagctct catcgacacc     240
acatcgtcta acatccaaga gctggcacgc ccagaagctt gcgaagttgg ctttatggaa     300
caacttcccc gatcaatggg atcctgtcgt ggtagcaacc gtagttcgga ttgcgagaga     360
catgacgtat ccttcccaac aagaagctct actatcttgc ttccaacgga ttggtgatgc     420
gactaaaatt ccactccaaa gggagattac agatctgcag cagttctggt cttcctcgcg     480
acatccaatg cccctaccaa cctccatcct aacactagct ggaatagatc accgaggtaa     540
tttcaatcgg tattgagttt gatttgcaag gtacttagtc tctattcgtc tct            593
```

<210> 2949
<211> 327
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 2949

```
nttcctggac tttctctctt cnaaaccgag gccgccgagg ctcagagtnt cgacaacaat      60
gaagagccct gtgaggagtc anctgtncat aactacaact tccaggctgn gccttnactt     120
antgggctga ntcctcctgt ttacgagccc gccccaana cagtaaagca gatcttcttg      180
tcgtnttgga accccccttc accccatata caacagggng gccatctgnt ctaccttgtt      240
gtgccaccan tgaaggcgac aggaccangt cactttccac gtttngggct tctcgtnaan     300
aatcgtctaa tgccaaatta natccctt                                        327
```

<210> 2950
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 2950

```
atccaaaccg ctgctcatac atacgtacgt acctcttggt tggttataaa cctcaatggt      60
ctccgtcaaa ctatcttctc tggaggctgc atcctccgtt cgtcatggta aacatgtcct     120
cgttttcagt atacgactct gaaaccatgc cttattggga cctatcaact tcatccacaa     180
ccagcttcac ttctttgcct cccgaacttc gcctgaagat atggtcgcgg gccaacgagc     240
ctcgcatcgt tttatacggt gatctagccc aagggaatgg gtcttgtccg ttaccaactg     300
ttacacaagt caataccgaa gcgcgagatg aaactcgact aaggtatgag ccaataggcc     360
gcggatcttt cttggatttt tctaaggata tcttgtttgc gaccataaga tctcagacca     420
agcaacagac cagtatttag atgaactggc gccccgggtc aaacggatgg ctttctgggc     480
ttgtttcccg atganggncg ggtacagatg cctcatcact actccgtcta nctatctatg     540
tgcttcaatc gacggggaaa ntttgggana atcnaatttg aacgatgctg                590
```

<210> 2951
<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

<222> (1)...(584)
<223> n = A,T,C or G

<400> 2951
```
gaacaacagt ttaacgtata cccacgatat ctcgccgttg ccaaatgcat atagcaaagc      60
ctgccgtcct tcgtacttct ttcttccgat accagatgcg tgtcgtgaac ttctacggta     120
ccgagcctca cttcgaatca cagccccgcg cagatccgga gcgccgacga ggatttcctt     180
gaatattacg attctctgca cttgtccaca gcttgatttg gacgagtgct gcgtggtgta     240
gctgccagag tataaccgtg ccgttcttta ccctcgaacc catagactcc cacttatacc     300
ggccgccatg ataagccacg cacctgccgc ggtcaacacc gtccgcggct ttcagactac     360
acctgctacc tcgggcgacg aggactcaga ccctggacac agcgaggtcc ctaccccccg     420
acgaaagact gccggacgaa cgtcatcaac gatgttgtta gcgccaactg cagccctatt     480
attcgagcat cttctcccgc tgtttcgggc atcgcaaagc tgcgcatgca gatggaanct     540
cttantctgg acggaagatc cccttatcca tganccgttc tgga                      584
```

<210> 2952
<211> 394
<212> DNA
<213> Fusarium venenatum

<400> 2952
```
aattatcaag actctagatg atgtatgtcc taatacgtac ctcaatcagg tctggaacat      60
ttgtcaaaaa ctttattgca aagctcaaca ttccaggcga ccatcaacaa ttgtgtcagt     120
cgagcctaca aatccgaata acccggcatc tgccgtgtat cctaacatag ctcggtccgg     180
acacgccccg gtgctagagg atggagaaat gagtgattac ctccagttag atccagtcat     240
cttggaccaa ttactaccat acagggctcc cgtgctctgg acttggaga ctttcctgta      300
aagcactgtt ttcaaagttc aacttggttc atttccgttt gctattcatt ctatgtcgct     360
gttctcggac tcttttgaag cttggtactt ccct                                 394
```

<210> 2953
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 2953
```
aattacgaca gacttgcatc cttgtttcaa gtcaacccac caacacgcct attgccagcc      60
ccagtaagcc ctgtaaccgc tgaaccttga cctgggcaga agctgtttca gtcaaattcc     120
aaagccgact ggttatccaa ggttcggctc atctacttta cataccttga tcgcttaacc     180
aaataccatg tccagggttg catttgaccg gagatggcct ccgacatgaa caaganantc     240
atgttccctg ccaagacgag caattcacaa gtcatgtcat gatttattaa cactcaggca     300
aagaatcatt gatgggatgt gcaaagaaaa tactcagtca ttcattttag ccaccaactg     360
ggtctaaact caaaatccat tataaggctt gctangctta ttcagtccag gaagaangaa     420
aagaaaaaaa tatcccgagt ccttggccac ggacattctt ttgcatccac gttccagcgc     480
cactgccctg ttctgcaatg tnctcctgtt ntaaaaaaa agtctcagct ccaatctgtg     540
cgtncgttg gtcanacctc aaaccngtta taaataata                             579
```

<210> 2954
<211> 610
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

<400> 2954

```
gagacgcgcg gcatttccct ggccggctgt acgtgatgtg attgatatgg acaaaatgga    60
atatgaatta ccccgcgctg cccagaatct cttcaggaat ctatcatcgc agtcctgcga   120
cattcttaca tatctcgaca gtcctccagc atacactgat ccaggaaaat tattattcaa   180
aacagatctg ttcagtgagg tcaagaagca cgacagcttc atcaatgaat ctcatcaacg   240
actatggata cgctctcccg ctttgcatgg atcattgggt cgtgcgggtg gggagtatct   300
agactttcac ttgcgagagc ctaatgctgt tgaggaggat atgttggaaa gtttgctttt   360
ggcgtccaac tattttggaa aacacatcgg ctatttccta ngcagtacaa agctttctgg   420
tggagattaa aaggaccaag cagaacccac tcaangntga tttgaaataa tttgggccgg   480
gaagatagcc ctcgatccgc catgctgtgc tgnggnctgg aacnattcag acaagngtag   540
aattnttnac catatggctt gccaatttca tgcagtgggc cccgnacggt anaacacttt   600
ntatttttcc                                                          610
```

<210> 2955
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 2955

```
accgaggttg aagaccgttt cgaactccgc gatgagtgga tcaacatgga atccggatat    60
cgcacgctcg atcgcatgaa gaaagctggc cttaccatgc cctctggccg tgaaacagcc   120
gtctacaaga acctcaccga aaaccgtgag tacgcaggtc gacctctcgc gggtgttgag   180
cgcccaattc atagccgacc tttccgccaa gagctcgcaa atgccgagga actctttgca   240
agctctagga aagatcgcca tccgagcgtc tcaaagcgtt gcgcttccgt caaaagtacg   300
acctcgcgga ctcagcactc tacctcgaac ttttgcaaga ncgcgatcgc atcatgaaga   360
tgggctctaa atccccgtct aagctcccgc cgccgaaaag ctttcgatc agcgtctcga   420
taacatcaag aanaacacac ggaaagaatg ggcaatggtt cgtgataact accanctttg   480
gaaacaaaaa aaaccactct gttctnggat ntcgcccctt cgaaacgctc gccacgcgcc   540
ccgaggaaat ctcccccaaa atgcccgngc cttctcgatt ttccacccca aagcct       596
```

<210> 2956
<211> 166
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 2956

```
nttctgtntn ctcaccccgt atggcngcca tccntncaat gtcctatgat gccncgcggg    60
ggaagctgct taactaaaag ganacncccc cacccatatt ttacttggga anaangtggg   120
gtggtggtcg aaccaaaaag nttttagtcg nggacnaaaa aaacat                   166
```

<210> 2957
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 2957
```
aattgccgaa acatcgttta agcatggctt ggatgttttt aaaaccgttc taacagtcga      60
tcctacagcc aataccaggc gaacattaac gagaaaaagc cgtcctacca tttttattgg     120
tagagacata gcggtattca cagacataac ttgtcatggg atctcaaacg agactcattt     180
tagcacaacc aaacaacatt ttaccttatt tgtatgaatt ctaatgtcat cctcatgatc     240
aaaccagaca ggtgggcgac caacaggagt tgtggtcgag catactgcag caacgcgaga     300
cgcgaatggc cgaacccata ccgaaaatag ggtgtctact agcaacacta taccattgaa     360
acatggtggt caggaacaaa tggtcaaagc tttgaanaaa gaagcatgtt tctcttttgg     420
gcgtcaggga caaaataaaa aaaancagtt ctgatggaag gaattgatct accaaaacag     480
aaccaataga ccaacttggg cagggattgg tgaggctgcc natatggatt atggtgggca     540
attgttcggt ncccggacat taaacaaact ttttncacaa ccccgnttgg ggccgggngg     600
cccancttc naccttggaa caaacatn                                        628
```

<210> 2958
<211> 469
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

<400> 2958
```
acgtgctgct gtcggattta cctgaagaac tcctttgtcc tctgggaacg gaaatatcag      60
gttccccacg tgagaaatct gcttcccctg attgcgtgga ggctgaactg cctgcccca      120
tgtccctgtt agtgtgagcc ctcaaagcca gcggggcctc tgggctcttc ttcgctatac     180
aagttgacgc tgaactgccg catctggata aatcctctct tattgcctgt cgtgagcggg     240
tacgaagcaa cggtgctatg tgatcaggcc cggcattatc gcagcgttgc tggagactcg     300
cgtttctcaa agggatcaaa ggaatgtatc cgtcatccaa aggcgtctgt actcccgccc     360
ttgtcgcctc actttctggc tggtttttgg ttagccgatg ccttcatttg aacggacata     420
gcttacagta nccatccgcc tcaacactcc ctcgcgttcg tggcaccta               469
```

<210> 2959
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 2959
```
gcgcaaactc tccatccacc gcggatacga cttgatgaag gaggtatcac agcactcgtc      60
agtcagaagc ggaaaggaga acgatggcca gggcaaccgc cacggggaaa ttgatggagg     120
cgaagaacaa aagagctggg cgagtcaggc ttgcagaggg ttgtaacggt ccagtattgt     180
ggaatcggtt atgtataagg ttttgttttt aaggaagtgt cggtttgagt cgccctaatg     240
ttgcagtata tacttgtaca atacctgagg atggacgggg cttagtgaan aagcttgtct     300
gacttgcagt tcagangacc ccggtcgggg gtttgaaaga ggatgaaaca aagaacatat     360
ccagccagaa gcatctgaga atggaactgc gattaggcc ggaaccggga aagctactgg     420
cgttggcgca ngttgggatg ggatgggctg gaattccgac gggacgggac natacaaagg     480
aaatgtttcn aaatcnacca tnccggaaag gcccgaaagg attcttatct cttggttngg     540
catatatta cagataatna tggacttgtg ttgtttnatg atcatacc                  588
```

<210> 2960
<211> 106
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G

<400> 2960
ncggacaagg gcttgattgt cttccttatc gaccgcggng agggtgtccn naccaagcan   60
gatcangacc tcttctctac cactgatggt acagcttttg tgacgt   106

<210> 2961
<211> 284
<212> DNA
<213> Fusarium venenatum

<210>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 2961
nccaatggca agangaccc ctantcctta tataagcggg tgggngtntt ctccatttac   60
ccgttcnata ctttctttnt ttatttngtt tnccttcgca tttccatgtt ncccgnttgc   120
tntttcccat gaatgtnaaa ngaaatccnn ccaggggaca natgacantt atnaatgttg   180
cggacggaca atntaacctt gataacccct ccaanaaaag taaagacaga antntgaaat   240
agtgaagagt ttgtganaaa attgggacna atnaaaaaac gagg   284

<210> 2962
<211> 455
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 2962
ntggtccccg tcgcccgtcg ccagctggtc ctccgtnttt tctcattctc actgagctcc   60
atctcccgac cgacgcaatc cccgatcaga tttcctgttg acggcatctg tttcgacgat   120
tganacnaat cgnctgttca ttcatccatt cattttcgng accgtttttg gcggtctaca   180
agtttcgatt ctqcttgnac gattcttggc caggccgact tntagcctcc ctgcttggcc   240
caaacgcgcc ttaatttccc gccgctcgcc ttttactttn tgngccgaca aaactccatc   300
aactggttat acttgccata tccattggct tcgttttttgn ctcacgctct angccttgaa   360
aggccctact tgaaaaagta ggggngatat accnccccga ttttgtttgt tgnggccac   420
gttttacaaa atcaaaaagc aaaaatggcc accca   455

<210> 2963
<211> 442
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 2963
caacaacatc caacaataac atcacttcta accggttaat ttggtgggtc gcatctcaca   60
tctcatcaca ggccacatct tatcgcaaca caccacatca tcaatcatat catggctgcc   120

```
aaatggtctt tcaaagccca accaggcatc ttcatcgaac tcaccgacat cgctcataac      180
taccctggan aaaaagtcac aacccaacca aacttgggcc tcatccccgg ccagtcatac      240
ccttccgacg atccagatgc ttccgatcag cgggattggg cccgtctcgc acgttatgtn      300
acatggctca ataagaacag ctcaaacaat gtcgcataca aaatcctata cttgacgcca      360
cacngtcttg gtgtgcataa caagangcac gcncaagttt gttcagaaac atngaataca      420
naattttctt ccaaaacggg ga                                              442
```

<210> 2964
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 2964
```
ccctcgtcgt tcttatctcg tcacgcctct ccgattatca tctgacaacc ttttcatgaa       60
ccggaaccat cacccgaacc gcgtccaaag aggcggtaaa tcgcgctaca gaccattaaa      120
attccgactt gtacccttca aacgagcgcg tttgcctnct ttgctggaac aaccgggggtc     180
tgtagaaggg acctgnttan tctcgcagcg cgctgganac tgacgggttg cctggcagcn     240
aagctgttcc tnctttggcc gcggntgggg ctaggtagca ggcaggtaag tcacgcagat      300
tgtcgtcaca cctaatcgtt gcaggaatgt cgtcttcacc atgcctcgat ctcgatattc      360
aacactccac caaggccgtg atacaatggc agtccgatac cacgacgcat attctggcta      420
agccagaccc tnaagtcagc tccgggacac tcaacttccg ctttnataaa anatgtgctt     480
tnttcaaact gagcgttcct gtcaaaaaca aagggattag acccactacg ggcggtaaat     540
tacgcgcatg cgcctaatca ttgnttttttt gggcgggggn aaaaccccga cggggttata     600
aaataaaaaa gagttgaatt gcc                                             623
```

<210> 2965
<211> 488
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(488)
<223> n = A,T,C or G

<400> 2965
```
cggataacga gcagcatcct attttggata gctactctac tttgtctcag gatattctta       60
ctgcagttat ttttacaagc gaatatagta cgggcggtgt ttagtaaagt ccgcaaagtc      120
cgccgtggta gtattttta atcttgcatt tttaacgcat tgatgctgtt caataataca      180
ggtccccgaa ggtatatgag cttgtgttgg ctttggttta tgatcgacag ctacagttaa      240
ccggtcaaac tttagtttgc aaataagana ccttaccggt atgttaatgc tctgaagctt      300
gagcttgagc ttangccang aagggcattt gcggtggatg tgttaggtac ccctagtcac      360
agtcacagtc ccagtgatct ggctcagaat caggcgcag cggccgactc tgaactcaag      420
gcttgtgcat gtcctgtcat gcaaagggcg gcggaagaac tgtcngtcaa aattgtcaga     480
aggcgttt                                                              488
```

<210> 2966
<211> 164
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 2966

```
nngaaatacg tgnattgata agctcgatng gctntgggca tttattttat aacgcctgca      60
tcncggtgtc ctggaatctg agagttgtng tgagancnag ccctntctat gggggcctat     120
antcgcggtt acagatgntt ttgctttntt atatacngga gaca                      164
```

<210> 2967
<211> 107
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

<400> 2967

```
ncnatactgg caccatganc actggccnga aagacgacnc ggnggaccnt aggtcctgta      60
agatngctgc cgtcaccgtc atccaantcc actgncngag ggataaa                   107
```

<210> 2968
<211> 434
<212> DNA
<213> Fusarium venenatum

<400> 2968

```
cgcgctatca aaagaggcgc cctcacgcct gaagagaaat ctactgctgc agggaaagtc      60
atcggcgtta ttcctctgct cgatcaaatc gtgcaactcc ttcccgctac ttcagcagca     120
catctctact ttgatctcgc ccgcttcttc gcgtgtcaaa ttgactcgtt gatgggtgca     180
cccgatttgc aggagatgca agagactatt gatacaggaa tgtttacgga cgactggttc     240
aaggccatgg atacaggaat gccagatgcc tatacgcttt tggatatggg atatcttggg     300
atggatcaac cgatgatgga tactgattac ttcatgaagt tggatgatgt gaatagtgtt     360
ggttaggaat gtttgttttg accttgaaac ggtcgagaat aactcgagta aggtaaattc     420
aagactggac tttt                                                       434
```

<210> 2969
<211> 249
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 2969

```
gcaaggtggt ttgcgaggaa ctctgcgccc agaggttcgc gccaggtcgg tcggaggcag      60
agagcgtcat cttctactgt tgcttggatt tggatatttc cctgtgtcgc atgccctatt     120
agtctatgcc tdddtggcta agaggaagaa ttcttaccca gttcacttga aatgtcaccc     180
gtcttcggtg atttgattga cctctntaac cattttaaac gtcdantcca naaaaataaa     240
aautgccgg                                                             249
```

<210> 2970
<211> 601
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(601)

<223> n = A,T,C or G

<400> 2970
ctcganagaa gtcccgacag gttcatgagt gaggacatcg caggccgtat ggagatctga   60
agcgtcactg gaggcataag ggacgaaatc attaggtcag cttatgcgac ttagccaaga   120
ctggaggttc tttattttca taccctaaga cttcgggcgt cttctgctat ccactagttg   180
cggtcttgtc aaacccagct ttcaccacgt tccttcgaaa ttactttcgt tacgcttttt   240
cgacattcaa cactgtcacc tcaaatcggt tactcgatcg cagcaaatcg agacgaaaga   300
ngctaagcaa cacaccactt ttcttttaac tctctgtttt atggacgctc ttgcattatg   360
ttttctcttt cagcacattg ggtttgttca taacgaaagc gtgggggccc gggtaaggct   420
tcttggtcaa gtgagaagcg ggtganatcc gcgacatgaa gcgtttcccg gtatccattt   480
ccgcctgctt ttttttttcc tggcgataaa gcnccnttaa tgactttttt ggggcttttc   540
cttttcntat cctgtttatc natacccttg tttccggttt nggcatacgc tgtttgcttg   600
g   601

<210> 2971
<211> 625
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 2971
caagattctt caatcaggcg gcaataccaa aacagatgta cagacattac ctcttgtttt   60
ccagcttgat ctacgacgac tcgacgagac ctttagttgg tttggnggtt taagcagttt   120
ccttaacatg agtgcttcga tcgcctcaag tcctgcccca acaccaaaac cggtcactgt   180
tgcacataaa ccccgaggag ttcgatttga cactccagtc gacccagacg acaaatccgc   240
ggcatcagag aacaagatca atctgcgtat tggaggctcg tgggtggaac tcattggaaa   300
agactgcagc atgatcgccg aaacaagtgc tatcaagctc ataagtcgag acgaagtcat   360
tggcgtggct tgtagtatga tacgggtatc tggacctcac ctgaagaact cgacggccga   420
cccctatca atgccgaaat tggnggtgtt cgggtggagt tcttgacaac tcccaaaaac   480
agcgatcttg aaaaactcct cgagctgatt atccttcgaa acatcagttt gatggggaga   540
accaccaaat tatggtaaac cccttctacc caccaaaaaa aacggttcgg ntttgagggg   600
taacgnggac acaatcagtg ntcga   625

<210> 2972
<211> 113
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 2972
nnnacatcga ctntttnatc ggangncgaa atgtttttgct ctttgcacac acgatgaaga   60
ggctcccctt cncctttta gggggggctg tcnaggaaac nactttgaac aca   113

<210> 2973
<211> 360
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(360)

<223> n = A,T,C or G

<400> 2973
ggcgagcacg gggttattga cgcctaccgt gttacataaa atctccgtca caaccgggag   60
aacttcagat aagaaagact tagcattgca tatggggtct agcggacctc cgggcgcggc   120
acagggcaca ggagttaggg atttggtcac cccgcgtaaa gtttcgaccg ccacggtgga   180
aanggaacga aatacgactg aatgatgcat caagaggcgc agatatctgg tgattttatg   240
atctcttctt cctcatttag gcacagcgat gaagtgattc gatcctgtgc ctgtttaaac   300
cacacatcta tttagcgcca caatttataa taattcaaca cttcccanan aaaaaaaaaa   360

<210> 2974
<211> 860
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

<400> 2974
ctcagcacac tcagacacaa cccgaccaaa gacggacgag agcaatcgcc gaccacaaaa   60
tcacctaaat ggtctaccta atctctacga acactacgag caaatgtcat tccgctcaat   120
cattgacgat gagttggacg aagccgatga ggaggagcgg gttctggaga agtccaagtc   180
cagggattca caccaaccaa agcccagcag aattcttcga cacagcaagt ctgaacagcg   240
cataccaccc gggccaccat gcccgagcat attggtttcc caataccgca aaaacgcaac   300
cttacctcca accaccacct ctaatctaan tatggggcca aagaagtctg gacccaaatc   360
ctcaatttac ttggactggc gcttgcaagg tggttttcta gcaagacatt accccggcaa   420
cggtccaaag gcttttcgaa aacnggtacn gaagtaggga agtttcagga tgcggatctg   480
cagggcaaga gcgtgctttc actatcctcg gactccgaag acgacgcata caccgaatcc   540
tcttccaagg gtcaaccttc gatacctgag tacgccacat cggatactag ttcttctatc   600
gacttncgtc caggcaccgg ttcgaacttc cgagagcgct gatacagctt gaagcggttg   660
agcagatcga gcagaaagac gacgggatcg agcaactacc ttgacattcc caacgggcat   720
nacagaagcc cccgttgngg nccccaggtc aagctnccta tntggaagtt cccaaacaca   780
attcaagaag gactggttgg accaacaccg tcgcgcacgt naagcctttc aacttattag   840
taaacacttt aaaaacgggt   860

<210> 2975
<211> 366
<212> DNA
<213> Fusarium venenatum

<400> 2975
attgaggctg tttcatacct tgctctcgtc ataggcgctt gggttgtggc tatcgacact   60
tgatctaggt caacgcttgg acacaattat gtcagtcttc actgaccacc tatttttata   120
tgttatccgt tggaattccc acgagagatg acgcctcacg atatgaagcg cgtcttgaag   180
gaatgcaaat aacatcggcg acacaaaaca tttacatcat tgggaggagt tcaggaaaca   240
ttattttgaa ggggaactac ggtccctcgt cctttggaat agcaatactt tgataccctt   300
tgcattacac atatcttttc tttataggca gcttaaccct gcaaaagccc ttattttttcc   360
aagctc   366

<210> 2976
<211> 190
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

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<400> 2976

```
nggttgccct ctataaaaca aaaaaccncn atgctttgga cgtggatgtn ataagagatn      60
ttantgacac cccgggctaa aggaggagat cccccttgctt gcgcacccttt gcanttanat    120
aaactgnggc ntaaaattac ccgtggggat aatttgngat aaaaattggc tcaggaaaca     180
aagtttggcc                                                            190
```

<210> 2977
<211> 141
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 2977

```
nttantttgc taagaatgaa tgctntttct ccatctggcg tatacaanga tgaccncacn      60
gaacgccttt taacacatgc cntgacaatg cgtacngagg atnaangtga cnctattgaa    120
cagagacccg gnattctcng t                                               141
```

<210> 2978
<211> 360
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 2978

```
ctcggcacca agcctcccag tctggatgga aagagcatca catcaggcac aacatttgcg      60
cttgacgaga aagaatcgct aagacctgac gatagcgcga gtgttaaagc cgccgcanaa    120
gatgatgatg cttttctat tcgtggttca cttgttgctg gctctcgcat cgggtccgag    180
gtagctgctc gcgcccgagg cattcccctg ggcgatattc cagagcgcag gttaccacaa    240
caaactccag gtgttgcagc tcaaggggtc ttaactccca aagttcttcg tccgaacaac    300
ccgntagtgc ccctctaggn gcaactggtt cctcagatgc gcttggtgtc atttataggc    360
```

<210> 2979
<211> 150
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 2979

```
niagatgggt gaaggcaagn gnagcttatg antcattgat tntngtttag caagcttnaa      60
aanaagcana ggaggatcgg tctantnggc ttttccacan ttgctctcct atacnacngg    120
agtttaangg ttnctgcggt cnacaaaaat                                      150
```

<210> 2980
<211> 112
<212> DNA
<213> Fusarium venenatum

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```
<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 2980
ngggcccact gtcccnttgn tggagncttg aanaaaagtg tgttntgaat accatgttac      60
ctctntaccc ttgnaaaatc ccncatntac cgactttctt gttntnaaat aa             112


<210> 2981
<211> 528
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

<400> 2981
cgaactcttt aatagggagg catggaagaa gtcggccttc gctatggttc tcgctatata      60
catctggatg tcccctgctg tagtcatttt tacttcggca acactcagtg tagtgacaga     120
tacgagagcc gaacatggaa attgcccatc tgtccgaacc ctcaacttta gcaatgacgc     180
caagaaaagc tgggacgacg ataaaagagc agcgaacgag acaatgcgtg gaatttccct     240
atcaatgttc aatcaagtca tagcagacag ggactctcct tatcatttcg actactggct     300
ccagtccgcg ccgccacttg attccatcgc gtcaagggtc ttanccggag gacagccgat     360
ccaaaaagat gaagtggctg atganatctg tgganaaact gggactgtct ccactattca     420
ctttnttgga cccggataca aatgcgagca ctcgccaagg cccactcaca atgaaaagtt     480
caaaaattac aaacccttta tnctaccaaa atgtgccgcg gaaancct                  528


<210> 2982
<211> 176
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 2982
nctantntgt gacaaagacg nnccttctgc gattgggctt gagaagtagc tataggaagn      50
taaagctatc tctgagcgtt ctggacgaac cgacatccga actngtntac tctctganga     120
agacttntac ntaagaggga cnnggtgcta ttggatncga gnttagattt atcttc         176


<210> 2983
<211> 231
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(231)
<223> n = A,T,C or G

<400> 2983
nangcttcag nnaagacatg agnacactga ggantgctca cgcttantgc caggaagagn      60
acaggactta aatnncatac tcaatgggag acttaaggan ttnatccccn actgagaaaa     120
aaaganaagg caacgaagtt tgattcttgg atgaaattcc anttacatta aaanccggtc     180
tcgtanagga aaggccccaa aattcctgnt ttanaagagg ccgaaccagc c              231
```

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<210> 2984
<211> 492
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 2984
gggcacctga accgggtgct cctcatgcat ccccttggct tctttggtag ccattgcaac   60
agaagcaagc ttggcctgac tttgtttana tacgaacggc aagaggtttg ctaaagagct   120
ggtctatggg tgaaagagga ggcaanaacg gataatggga acctgagcga aattccaaga   180
gggcttccca tcatttatag ctcatggtgc accccatcgc caagccagct tgaacagacg   240
ggagggaaac ncttgaggct tggcctggct gagaanagaa ggtgagcgtt acgaaattct   300
ctcttcagtg ccnagaggac aagcatcaac tccttggtat tgataacctg gggtgcccng   360
gtagaccgat gggggaatca ctcgttggct gacattgtgg agaaaaccca aganccctgt   420
tggattgnang attgggattt gcccgacgaa gcgacaatcc aacctgggaa tgcangcagg   480
cgantctttg ga   492

<210> 2985
<211> 535
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 2985
gcataaagtg ggcgcgttaa gtgctgccat cgcattgtgc ctgcgacctc gatcctttgt   60
tctacatatt cttacagtta atcacaaaca caactacata cataccttgt ggcgcgcttt   120
ataaaacata aagcacaagc tccaaacttg ctaccattct tattcagtgc aggctaacaa   180
gcaactctgc gtcaacatga anaaactgcc tttcaagccc actgcgatgc gcaaggctgc   240
tcccaagcca actcagccag aagaagcaaa cgatagtgac gatgatggac tggctctgtt   300
taaccgccga aaggagatgg tgtntgtcat gcaagcccga catcgaccgg cgctcaagaa   360
acgtcgcgca tntgactctg angaagagcg tcncaactcg agntnctgaa gaaaaccacg   420
cncacaagcc cgaanatgtt cangactctg gggttttagt cagtatgaca caacgatgtc   480
caggaanacc ttcatccgtc aaccaagcaa aaaactctgt tganaagagg cttcg   535

<210> 2986
<211> 349
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 2986
nggncggana acantttgg aacaacctgg tgatcnantt ttggccccta tccactgggt   60
ntgctcagaa ccaagtcgtn aaaaacttca cgaggntttt aaggnggaat cacaaaagcc   120
ttttttgagc caacaccctg ggtttttta aaaactttt gactgttccc ctgcccacct   180
ttaaaagttt ggttttgagt tttaccaagn gttggcanaa cggtttgcca natccacttg   240
cnccccnaaa ggtacactnt cctttttggaa aaanccgccc cnccctgggc gtttgnaaaa   300
ccggggcgtt cctgatggga ntttganaag gncctyggac aattgatgg   349

<210> 2987
<211> 184
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 2987
naaaccccng ggcaaaggtt gngggnccct tgaccatgca tttanaggng ccaaataaac   60
ntttcngaac ntaancagtg gcttgttccg gggattaaaa ctgggncatt gngaanaccc   120
trqtggnacc gactcaatct cnttttcgga aaaaatttt taanttggcc aaatgnaaaa   180
agcc   184

<210> 2988
<211> 157
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 2988
nggccnattc cccctatcgg ganaagnaat aacaaaaact ngccaccttt tacaacgggg   60
naaatggnaa aaccccgccg atcccaattn atcccttgga aaaatccctn ttccccagcg   120
ggggtatagt aaaaaggccn naccgttccc tttccaa   157

<210> 2989
<211> 174
<212> DNA
<213> Fusarium venenatum

<400> 2989
agcgccattg ccatggccgt tagagcacac ccattaccag ctctcggcct gtcaagatat   60
gcacggatca atccctgagc agcaatcaaa cagaacgagt ctagcggccc aaagaacaat   120
actaagcatc aaagccacaa aatgcaagaa caatactaag gccagcctct cccc   174

<210> 2990
<211> 160
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 2990
naaaanaaag aagnacttat caagtttnct ctcgccgnca atacttcnga aacaagtctt   60
cgaaanaaat gtcgacaana ntttcttgng acggtnganc atcctttann ggggccaaat   120
tgccctntng ggagtcggnt taaanacatg gccgattttt   160

<210> 2991
<211> 102
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 2991
nacgggttnc aaaancttgn ccctttttnn aaaaaccgga ttgggganacc ctggatnacc   60
caaattattt tcttggcccc cattnccctt ttngggaata nn   102

<210> 2992
<211> 243
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

<400> 2992
nttcaagctc cttgcggatc atgncgtaaa gactttgggg ttgtcgaggt agaganctc   60
ttcacctcna tcatcggtcg ngcttgccag ntatttagan gcccgctgcn atggnaccna   120
cccgcaagcn cctatganct ctgacaacng ngatattgtc acgcaaaaaa canaccgctg   180
acctcaacct gatatgtcat gncagggggt gaaanaagct ggatgcgaaa nctgntgggg   240
tct   243

<210> 2993
<211> 102
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 2993
nttttggggg aanaangggt attttcagcc ccnctnaaag acctcgggac cccctttgcc   60
natccccttg gnaatanaaa tgtgtggcng anaaggtanc cc   102

<210> 2994
<211> 280
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 2994
gtcgacttca tcgacaagga agtcgttcct ctctacaacc gcttcgatga ctcagctgcc   60
ggcggtgtca aattcgacna tctctgggcc ctattccgca ctggcgatct catctacatg   120
cctgcctctg gcgagaccgg gggacgatac cacgaagtgt ggcgtgtgta cagaacccgc   180
acccagagcc tgaaactctt atcccacatc tggctgggac ttcttcccga tgagcagcna   240
atgatgagaa ctccaagttc aagatttccg cttactacat   280

<210> 2995

<211> 129
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 2995
naccgttttn actggtaaaa ccttggccta accanattat tcncctcncg ggccaaccgc   60
ttttaacncc ttggccaaat aancnaaaag gtcccaaaaa aaggnccttt cnaaattttc   120
cccgggggtt   129

<210> 2996
<211> 205
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 2996
nntatcttaa cttggcaatc ataagggnat aaangccatt gnaagnggct nccctgatca   60
aataatgaat ntcangctgn ccggcgaaag ccgtggatga ccttaatgtc tgcggaaagc   120
tcaccacanc ntgatagggg annatgacgc taacaaagct gccatcgnan ttgaaagccn   180
tgtggatgcn aangtagagg ctggt   205

<210> 2997
<211> 159
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 2997
ngcgggcnct atancctgcg cactggacag agttgntttt tttcatacga cactntgatg   60
aatgccctca aangggagtt tcnccggagg gagaaattgg gtcaattcaa aaygttttga   120
taaaaaaaaa aagtccccc atggggtggg ntngagttc   159

<210> 2998
<211> 111
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 2998
nactgattta nagaccatnq caagctgngg aatgttnntc cacgaggagc aggatttata   60
tntggctccc gcgggggaca aaaanaattg gtgaagaata gtcgaagtct a   111

<210> 2999

<211> 440
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 2999
```
ccaacttctc aacttcatat gctgaaggtc ccgatggcaa ccagacagag ttcctcaaca      60
ctatcttcga aaacaccggc gccaaattag aagccggctt cccagtgtct gtcggtgata     120
cctttggcca gttctgggga acatggctcc ctgaggacca acttttttagt aactactccg     180
acgttgctag caatggcaca gcctttgcta tgggcgaagc tcctatgccc atcatgtgct     240
ttgcagaagt cgtacctggc aagtcacccg agatcggaaa gctcatgttt ccaactcgca     300
acacttccaa tctcttcaac ttgaccgcct atgaaatcac accatacaat ttggtttttg     360
ggctggtngc cgtnttcaac tttcatacca accaattntc tccgcacntc catntttgaa     420
ggcaaaccac aaaanaaaac                                                 440
```

<210> 3000
<211> 602
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

<400> 3000
```
cctcggatca cctgcgccgt cgtaaaaagg ggtatcgcca aaaagagaag tatagtaaaa      60
ccagtttgtt caagaagcag agttactgaa atgaacatgt attgtttccg cgtcgccgac     120
gtcgtccccg ctcttcggtc gtccactctc tttgcggcag cagagttgag tgaagagatg     180
ttgagtgata acaatgttaa aaaggtcttc agccagtggg atgcaccagc aaagaaagaa     240
gcaaaatttt ggaacctgtg tgctttgtca aagacaggcg cgatgaacga aaaaacaatc     300
aacttctgta aaggcaaatc cttaactcct ccaatgttaa ccagcacagt gtcaccctgc     360
aaatggtatc cttgcgtttc ctccataaaa attagccgcn ctttgccagg tttaaaaggt     420
taaatgaaca accatgaaga catngatgtt ttcgcaattt tntttaccac atcncgaaac     480
ctcagattcc tttccntaca cccccccttac gaaaaacgca cgaaagcncc acacnccacc     540
catgggaant tgcccacaat aagnactccg cgtttctcag gaaccgaaaa gccccaaaaa     600
cc                                                                   602
```

<210> 3001
<211> 469
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

<400> 3001
```
tcgagagggg tttcgctttc ttcctcccga gacgcttgtc cttgagatgg ttcttgaaac      60
aacgaaatta gcatgggatt ctcccaccca tcgacgccgt ctnacgaacg ccaagcgcga     120
tctcgatcga aacctcgccg cttcggctgg tggcaatggc tcaagcctng aaaacgagcg     180
tcgtgctgaa gctntgttcg aatacctgcn gagacagtac tggcctactg agggtgacga     240
agcttacaag tcaaaattat tcaaagaggc ggcggcgcag atgggagtgt acnatttgtt     300
gaaaaagagt gtaaaacagt aaaatagggg agcattataa cggcgcttag ggaatcacga     360
accatctcct gacgatattg gaacatgtat attagcatac aaagggccat gtcatgcctg     420
```

tggaacgaga tacaaagtca tcttaaggaa tactggtnga ggatgaaaa   469

<210> 3002
<211> 407
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 3002
tatgctcgga cttttgtgat acccttggga aaattctcgg ttcaggtact gatggatcga   60
tctacttttt ttttcttttt ttggcttgaa cttgggaggc gaatagagct tgcgctcgct   120
tgcatcaaat accattattg ttgacctana gtggttggag gagaggcatc ggctttacag   180
cggacagtgc cctctgtttg aggaggttat tgtacaatga ccccatgtgc ttatacacac   240
tgcacaaact agttggccag catgtttgca catagggcga tcggagtttt ggttagcgtt   300
tttgcgccac aagcttccat gaattacgaa gcctgcctgt ttgcttaccc atataacttg   360
cccccattta aatatccata aatcccacgc cttgttttga tncgttt   407

<210> 3003
<211> 521
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 3003
gtcggaggaa cgcaaatgga acatgacgag gtgccgttga cgagagacga tgacttccag   60
cacggttaca attctggtct gggacgtatc agcgaagaag aaccacgacc aggaatggct   120
atcagcacgc caggccatgt aagcagtcct attcaaccat atcccggacc tcgccgcgac   180
ggagggggc cattatggca acagaatcgt ggacctggat ggttttaatt gtgtataata   240
cgacggagga aaaaagagga gacagcacat atataggttg tggtgatgac cacgattatg   300
gtttcgcttg ggaattatta cggcgtttgt tggtccagca tggggagttg gtatccgggg   360
ctgttttatc ataaagaagg gctgtaatga gcgattcaag tccagtgaat agatggactt   420
gcggatgggt gataacgaaa tacgatggcc cacngncatg aaatattagg ttcattggta   480
gatagttacc gtacaaaaga aacccgancg ttnttaacga a   521

<210> 3004
<211> 206
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

<400> 3004
ngctgacacc gacttgaang gcgcgcgcna nacaacattg accgngccaa acgcancagg   60
catcgattgc gatcganana tttctatcaa cctgcattct tatctcatct aatctnatct   120
catctcaccg nntccatct gaactccccg ngccganacg cgtnttgcgc aatgtttatg   180
tattcgcatc gcccatgggg ggtggt   206

<210> 3005
<211> 250

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G

<400> 3005
ngcgggggta tggaagaagt agacgccatg atggacaaga tgncttgcga actanactca   60
acgcgnatca gtagtcangc cgaagccgac gtgcttacat gangaaccac cgtcagccag   120
gatagaacna atctttnaac ntgttctgan gactcgggaa tctttcattg agggananaca   180
gaggcttttt tcagaaccta acccgcgggn tgcangacga aacccaantg ganacctgtt   240
aacgattcta   250

<210> 3006
<211> 144
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 3006
nctgggcgnc atttanancg cttggaatgn aaaaancctt ncggtaccna ncttaatagc   60
cttgggggcg atcccatttn cctgcttccg taatnccaaa aagcnctcnc ggggtttant   120
ttttaacctt tnaaaaaaaa accg   144

<210> 3007
<211> 357
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 3007
ngggtttttt ttnnttttgg gtaaacccac cttagacgac tcatattttg acttctgctc   60
gcatcaatac aaatttccac agaaacaaag gcaggataac gatcaagtcc atcccctcag   120
cagcgcaggg ctttccctct ccatcctttc cagtgagaaa aggaggcgag tatctttccc   180
tcattagcac cgccaagttt tgaaaacaaa aaccttcat ccccatgcaa agttcgtagt   240
aagaaaaggt cagcaagtta ttgtgttttg tcgtaaaatg gtgaggggga tagtagaaga   300
aacaggacat gtttgtcgaa tagtttgatt gaaccacaac atccacacat ccttcaa   357

<210> 3008
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 3008
naaattngat cntgggactt ttggnataac cngctgatat aagaatcttg ntatcaatta   60

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gcatacattg aacgtataca ccngcactac ggattgaggc ggac   104

<210> 3009
<211> 112
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 3009
ngngtgtaat acaatgccgg taaaaacact ttntgaanta tctttccccg tgtctggttt   60
tgcnaaaaaa atctccttaa tgtggncaac cagagnggct tctaanaaaa tt   112

<210> 3010
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 3010
cattcagttt tatcaaagct aattgtcata tcaacaccaa gataccgcaa aatgtcagcc   60
ccaacgcatt caaatatgca aacaccaccg aaagatgaga gcgactcttg cagtcggcca   120
acgcatcatt tacaagagat caaagtcgga gataacagcg ttcagctctt gttgtcgaca   180
aaagatcacc tctatgacgc caaagacgtc ggagctggag tcaactgtta tcaagttatc   240
ggttcttggg aagaagctca gttcaggaac ttgccaaggt tttaagccaa cgccaagtca   300
tcgaaaatcg gcagtcatct acgtacgctg aggcatctcg ctttgagaga catggggcag   360
gaaagtctct agcngaagcc aagcgaacaa cataatangg ctgtgaacgg gccgcaaagg   420
anaaaatgaa actatcttgt tgatcgcata taccctccac tcacgcaaac tcgtctaccg   480
tactttcatt gcgcccatac tgccccggtt ctggatntca ncacccgttg aaactacctc   540
tgaaacngac ccaagaattg aacgatcgtc ccng   574

<210> 3011
<211> 116
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 3011
nagagatana ctttctntct ctccctgtgg taacaangtt tagaactctt gcctgcagga   60
atcgngaatg agtttatagg ccctaaaagg ncttatcntg angtcggaac actgtt   116

<210> 3012
<211> 278
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(278)

<400> 3012
```
gttactagga catctgcggg tttctgattt ttttactctt ctcttctttg gttctgctta       60
ttaggggtta cttctcctct natacccag  aaaaagctcc tcccagggtg cagggagggg      120
caaaaaaaac tttgcttttt cacaaaaatg gcggtgggct ttttttgctaa tcatgaatcc    180
ccccttcgag atataaaaac ngatgatgaa tggaatgaat atggatggat atgaccaaga      240
cgagacctcc cccacangga tggaangaat ggtacctc                             278
```

<210> 3013
<211> 601
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(601)

<400> 3013
```
naaaaagctn caactggngg anaatacttc ccangcttgn aaaaaccacc ngcttaaaaa       60
tacgaaacct tttntttagt acctggagcc agcgggcgtc cccaacgcgg gagctttttt     120
gcttaaggnc agcaacaaca gcaacccccca ttcaaagcac gaacttcaac gcactttaaa    180
gtggcccacc cnctattggg tggngggcgg ganctggcgg gaagaaccgg ccccaagaac     240
ctttcggtgg gaccttaagg aaggacctta aangggggtc cttttttggtn caccaaagga    300
cttgggaagc gcttcccccg tcacaagntt caagaagacc cgacaacaaa gccgagttca     360
accccagtg  ctcaaaccat gcccccaaaa cctggtaaag cagggtccaa cgacatttga     420
agatatgggt atttcacaan gaaaagcgga ccgngattgc gtttgtcatg tagacctggg     480
gagtagatga acaagatcac aatgggnggn ggaagcattg aataattgat naaaaacaca     540
taaagctttg gacangggtt ttttttttgga gttaagctta anaaccggaa acattggtat    600
t                                                                     601
```

<210> 3014
<211> 209
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(209)

<400> 3014
```
nccaacttaa tcgtttacac cacatgcctg ttaaacccctt gcgtacccaa aaaaagcccg      60
tgcngatcnt ccttctttcn gtggtggagc tatacgacag gagttaacgt tacnctttna     120
aaagagancc gtttaactgn tggggntgnc gtacnatttt tgcccccgcg caacggtggt     180
atccttccc  aggacttttg gtccccagg                                      209
```

<210> 3015
<211> 613
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(613)

<400> 3015
```
gatactccag tcatggttcc tactagctta tcgtacgcca atactggact cattcccacc       60
```

```
gtaacatcca tagcagcagg tggaaacaac actttnttta ccgtagacgc aaagacttcc      120
accattcctg gcagcaaaaa ggctctggcc ccggcgagaa ggctcccgcc tataaccacc      180
gacttgtggg cttgcggcca aggagtctac ggaacattgg gcaccggccg ttggtcacat      240
gtgtccccca agccaactaa ggngaagggc ctgtcgtctc tcttcgaatt tgacgaaaat      300
accaacacga tgtgccctat caagctcaag tctntttcag tcngcgctac ncattggtca      360
actattatgg ataacgtgac aganctctcg gtgtctaaca agggaacgga naatgaaacc      420
actgggngct gatgtctatt ctggggnggc aacnaacact tccacttggc ctggaaaaaa      480
acaaatttaa cgccctgcta tttccactnt gatatccaca aatctccaag gaaggcanag      540
gttcatcant gggtgtactc tccanaaatc cctggcgggg aaggggnaaa aatnttgacn      600
aaggtaattg gaa                                                        613
```

<210> 3016
<211> 145
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 3016
```
naaangagtc gtattgaatt actggccgtn gttttacaaa tcgtgattgn gaaaacctgg       60
gggacccaat taaatccctt ggagacaacc ccttntaaag gtggcggaan aacgaaangc      120
ctnccaaatg gcccttacca atagt                                           145
```

<210> 3017
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 3017
```
gaaaccagaa cacgtggcat tgaagtggtg tagcttgacg aggggccaga tgcctgtacc       60
aacttatgat gaaggcgcct tcacttgatg aacaacgaac cgccaccgac atttgtccct      120
ggcggcagca naacagacca atgctcatgg ttggtggtta aagaaaggct gaatgatggt      180
tctaatataa tagggacccg ttcgtccttt taatccgcaa gcgccacgaa acagggcgac      240
acgtatctcg gcgagtctat tcaggcgatg ctggccgaat atgttggagc aacccaagag      300
ggggctgga aaaaactcan cgccaagggc gtattcaatg gattggaagt cyyyattctg      360
aaaagtccaa tttgcaattt cgaggcgaat angatcgtat natcagttcc atgatggagt      420
ctgnganatt tttacgactt ctttcgttta catggcggan ctgctcggga acggcccaag      480
attaacgggg ttcttttggc ggnggctctt ttttaacctt ttcgtcttgt cntttgggga      540
taaatnangg gcgggtggcn ctcagaattt acttgncaaa ttttaatcnc gggngaacna      600
acnngccgag ncttttaccg gtggaatt                                        628
```

<210> 3018
<211> 119
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 3018

```
nattaaagag aacctttggt ttttcnnact ttgcctttgn ccatgaaanc agactcatga     60
ntaaaactcc aattatanaa gntcttttgc ttttttggga aggtaanaac nattcttaa      119


<210> 3019
<211> 175
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 3019
nccgccntgg cttaannaat gacctttgtt cattttnatg gaagnttntt cgctctccca     60
aanggggaaga tctggcgaat tgnggttnc cgnggganctt tnggggcacaa actgtttgaa   120
aaatggcaaa atgaatcntg gggccggttt ttggaatgca atgnaaaagg tgtct          175


<210> 3020
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 3020
catgatcaat ctgtttatcc atcgtgggca taaatcgtca ataccttccg atacacgtat     60
atcgaacact gttgttactt gaattaccca aaaaataact catttactat taccatatgt    120
ctaaaagcac cacatcgtga caacgttggt ttcacaaagc gttgccaaga ctcaacgtcc    180
gcatcccgac ggacattacc ttcatcaaga ccatgagata ctctcctgaa caggtcaaca    240
ttgaccatca tcaagtactc actcatctga ggcctcttaa tcttggcata cagtctactt    300
cattgaaatc atcctactac tcacaacgct caccactaac cactcacaat caatcttatt    360
tagctgccta tccaagctac gtcaacaaac gaaagccacg atgcatcact aaccaagaaa    420
tctgtagttg cctagtgact tgtatctaga tagatcaagg ttgctgcctt attctgcggc    480
tgaaatcctt tgaagcatgg aatggatgaa atngcattga attgggttat gttcatacac    540
cttttacata agcttacttt tgttatcgtc tgtatataat tataatctag                590


<210> 3021
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 3021
nngttttaca gggcttaaaa gtncttingg gaaattctta cctttgcctt gnccgnattt     60
ttaaaacnnt tgctgggnaa aaccctgggg aacccactla aatg                     104


<210> 3022
<211> 142
<212> DNA
<213> Fusarium venenatum

<220>
```

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<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 3022
ntctttttgg gcgaggaatg tacttggttt ttaatcgact tcgaaaccaa ggggngnaaa   60
ccatcaatgc ttgaactttt gatgagggcc ccgnagangg actntgaaac ctgctnttaa   120
aatnnccaac ttaaacagga cc   142

<210> 3023
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 3023
gtttactctt taaatcgcaa agtaaccatg gagtcttgtt ctacgtgtgc aactatcctc   60
tcgtcaacgc cggcttacac aaaaaacgaa tcgtctctac cgcaagaccg tcgagtcgca   120
tgttgttcga naatcatttg tggcaaatgc attcatgttc gtcatctatc tctacctcct   180
tctcgcgtga ccgcaacgtg ggttgtagct gatgctcttt tatggnacct aagaaaacga   240
gcqggttgca gattattgcc ttactgcagg gttcaacagt gcctacttca cttggcccag   300
ggcctganag acccccggct tattcgtcat tctanctcgc agcccatatt taaggagccc   360
cccccatat taacancttc aacgacncan gatgtcgata caagaaggca cattggcaca   420
ggatgctttg aaggaggatg ccccaaatat tctgcatttt ctcancatcg catganagat   480
cacttttatt ttccaaacgg gggccggttt tgttttccaa aaacacaata tnaaagcnac   540
acttgttttt gganaaaaaa tctgatcctg ggagactana aggggggnaa cctttcncg   600
ccncaaggga aaaaaaaan aaaa   624

<210> 3024
<211> 180
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 3024
nccagccgan gngtaaaaag cctgtgcatg cggccagnaa cattcnccgn ccgccttttt   60
cnangacttg nctgtaaaaa accccgntct gtcnagaccg ntggtccata cttgtcccgt   120
gannaaaatt tccnccgnca aaccctacgg ttgttaaccn cgaacttcng ncccgatgtc   180

<210> 3025
<211> 123
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 3025
ntggtnagct ccantatggt ccnctttatt gcacttccac cggcggaggc tacgntatcc   60
ggaanggagg ngaataaaat ctgnattcct ggcnaaaact ntcgcganat atatgggctg   120

tta

<210> 3026
<211> 127
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 3026
cgacatctcg tntcaccccc cttcgtntna acaagtcttt tccacatnan actgccanca   60
ggactnatgt caaaatgact tccnccggtc ctatcnacaa cnacgccatc gnccgtcagg   120
gctngta   127

<210> 3027
<211> 242
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(242)
<223> n = A,T,C or G

<400> 3027
ngcttggttt gaagaggaat ncacgctcnt tcaatcnatn attctacggc gaancaacgc   60
cccncaggtt ncaaaccttc tnggagaagt ctcatgggna ccccaacacn tgtggccaga   120
cacatgaaca nttttactcg gccccanggt atagaagctt tnacagacca aancttaaac   180
tattatngct gacanttggc ccnantttac cnaaagaaca cccttagacc ttggntgagg   240
gc   242

<210> 3028
<211> 230
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 3028
tgaggatggc acctgcgttg gaggagctgt ttaatgaagt cttgctttgg atgggagggc   60
gacgttaatt tcttttgtac tggtttgcaa catgtttatt gtttaacaat tccccctttta   120
gataccaaac ctggatgaaa accactctag acggatgatc ttcagcaggc tgtgcctact   180
gatgtgaacc aatattacta gttacagaan aaaaatgaaa ananaaccaa   230

<210> 3029
<211> 149
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 3029
```
ncaataccaa acgtattnct gcagtcaaat cnttctctta ggcgattcng tggggccacc      60
tgcccngcat nggtctanca ncaccaacac ggccttttga tacattctct tcaaaagcga     120
tgattttngg ctncatngga gnttatcag                                       149
```

<210> 3030
<211> 247
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 3030
```
gtcggcgatt tattgagtag tttattctct gttttccatt tcatgttcga tacaaaaaag      60
gatacgcgat agaagcctac caagttgtca aaggtggtcc atgcatgatg gatgactgct     120
gacataatga cgttcgcctt accctacacc gtactccct ttacgactgg aaaccttgaa     180
gattgtaggt tatagtctgc attataatac acgcaattaa tcaaaaggtt tcgaaataat     240
gatnaan                                                               247
```

<210> 3031
<211> 358
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 3031
```
ctcaacagaa gcaggctccg gcaccttgac aggctcagcc ttctctgttg cttccgaggc      60
cacactggtc acgtcgctga cgctgctcat agagctaccg attgacgaga tagagctcga     120
cacaacgcta ccagcatcgg atctcagggc catgttctcg gacctcaagc ccgagacctc     180
cacagataat ctcagcactt gcgctgactg atcatcctgg gtgtgtatca tgcctctcat     240
ctggtctctc aatccatctn tctcaanaan accacgggcc ggcagctccg gctcaggtcg     300
tgcanaatgt ctttaagcca tganaacatt nttctttntg gcaaaaactc cgtatgac      358
```

<210> 3032
<211> 244
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 3032
```
gatgaattgt gccgagtaaa gagctggaag ttgagataat acatggtaca atttgaaaag      60
gtgacatggc cgcatcgatt agaagagaac tgcgagcgat attgtcggca agcagacatg     120
gacgttaagg aggctggacg atagatgacc attcaaacat gaatggctgt atgcgatgcc     180
tattaacatc acgcgagaca atgataccct anaaaaaaaa aaaacaaaaa aaaantaaaa     240
atan                                                                  244
```

<210> 3033
<211> 586
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 3033
```
aggtgatgct acggacgcac agcgaggagc gcaagagtgc acgattctgg aagaacctan      60
caggcaaggt tggcctgcga aagtaacttt ctttctttct tcaaccttta atgacctacg     120
ataccatgac gactagacaa aaaaaaaaac tagaagtctt tgggatggat atagccagct     180
ctcatggggt ttgcttggcg ttttattttt cattttttgc cattttttgca gagatacccc    240
gactcatgtc attccttcat tttacgtctg ggacattgga cccgatatag cctcgacggc     300
acacaacata tctggtcgca tcagacctgc acatattgtt tattgtttag aaaaatnttc     360
ataattggaa aaagccctgg ggcataacga aaaaagcgaa aaatttaaaa gggggggaac     420
caggttcaca atgcganaaa aacaactctc tttgactccc tgattttgat ttggttttgc     480
cccaatgccc nacatttttt gttcnctgct tgnacacnca cacacacaca cacacacacc    540
tttatctccc ggtntgaccc aatgatngtg aanttaggaa anggac                    586
```

<210> 3034
<211> 445
<212> DNA
<213> Fusarium venenatum

<400> 3034
```
cgcatcataa ccaatggcca tcgtatcata gtatagcaat cttcgacttc ggagactttt      60
gtagttgtcc tgaacaggta ggagagtatt tctaggcctc aagaccaccg aaagttccct     120
tgtagcccct ggctggcatg tactcagtgt cttgcgacat tttgtgtcgg tgtggtgaaa     180
tcgaagcaaa gcaaatatct tgtcctgtca aggtctgtga ttcgactgtt gagacgcgga     240
acatatgcaa cgggcgtctc catgcaacta gaaggttttg acagcaagtt aatcacttgt     300
tgatcagaat tttcatgcct aactagttga tgcttcaatt ccatgcgcgt ggtgttttgg     360
ttgagcttgg atagggtgtg gtgttaaagt tgatgagatg ctgaattgca agatgaacag     420
gtagacaggg tgagtgagta ccaaa                                           445
```

<210> 3035
<211> 210
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(210)
<223> n = A,T,C or G

<400> 3035
```
cgatcttata ttgtggagat gttttgatcg ctttagatt gataaaggct gcgttttaa       60
ggcttccttt gatcaatcga cggaactcgg ctcgcttgga tggattaccc cggcggatat     120
aaccaagatg agtggtagta tcgtataaac ccagttagcg tatcatttgc aaaaaaaaaa    180
anaaanaaaa naaataattn aataaaataa                                      210
```

<210> 3036
<211> 543
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

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<400> 3036
gagcgtgatg aggcaaatcg caaggcgaaa cgggagaagg tcgagcgcac tgaacctatc   60
accgtaactt cgacagcgat accagctgcc gaggcgcaga ccacggaatc tgctcaagct   120
gcaccagcaa agccaaaaag cggaagcttc aaaaacttct tttaaatgta aatggttcca   180
acctcatggc tgggtagtcg tatacagatc tatggactaa gaaagcatat ccttgaagat   240
gccggggttt gcgatcgaag cttgcagtga ggccttttct ggctcctctg caggtgccac   300
atcattgcgc agggcagaca ggagagcagg aagaagatcg tccgtcgaca aagcgaccct   360
tacgccctgc tcgccttgtt gattggggtc catacccgca aaaaacttat cctcgctctg   420
ataccgccat gctgatgatg gcaatgggca tgccccgatc ctgagctcgc tttggcaagt   480
cgcaagcaga aataagtggc aagtgangtg cccagcacga agtagctttt ccgcattatc   540
gat   543

<210> 3037
<211> 246
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 3037
ntcgcaacaa acntgntgat cctccatntt cnctggcgct tacatggggc actggcangt   60
cagaantgnt caganaacct caagagactg acgaagagtg gtggaagcga canatctgcg   120
ctgagcatga cgagatgagg gaagctggca gacattagna tcccgattgg agaanantcc   180
gagcgtgaaa gaagatctgg acactaaaag ttcccnggtg aggatcatgg aagtgtggcg   240
gagaca   246

<210> 3038
<211> 625
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 3038
cagagacggc aatttaattc ccacatttgg cgcgtggtat cagagagtcc ttttacagta   60
cgccagcaaa gactcggcct tgcatgtcct agaacaagca cttcttggat cttgagaaga   120
tgtcgaccaa cgcaacgaaa aggaaattca acactttact acaaggccta ggaccaccga   180
gcccgaacaa tgtcgacgac acaccagcgc acgaccccgg cacgactgcc tctcctggct   240
caatagctcg cgcatccggt gtcgatttag agctgctgca gaaacgccga cgacttggtt   300
ttccagactc gactgctcct aagctgggaa agagggccaa cctatcggcg accatatctt   360
caattatctc tcgacgcccg caaagccaag actcgtctaa aagttccaat gcaccacccc   420
gcacgatatg cgccaaccga tcgaggagac ttgttgaagc gactcggtac ttttcaaaga   480
gataacagac tggacttccg aagcccggaa gagtgaatga ngtggaatgg gcgaaaccgt   540
ggtangglat gtcatggcaa nggagaaaag ttcgatgcct tnttntgtca ttcgcgaatt   600
gggtggtnaa gcttnaaccg taang   625

<210> 3039
<211> 192
<212> DNA
<213> Fusarium venenatum

<400> 3039
tgcactggag gcctcaaggg aaacccatgt gattcgattt tgatatctcg gctatgattt   60
gaggcagctg ggtgcatcat gtgttgggcg agacaacgta ctttcttgat tactttcttg   120

gctgcatttt caactgcctt cttgcttgtg acttagtttc ttatctaata aagaaataag   180
aaagattatg gc   192

<210> 3040
<211> 813
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(813)
<223> n = A,T,C or G

<400> 3040
gggaagcgaa aagtccgctg ttctcgccat actcctttat gcgaacgatg ttctcacttt   60
ggtttgacat gtgaatcgtt cgcatacaag gaccatgggg cgtccgagga gaggacagcc   120
gctaggatat agatcgactg gtgttgcgag taccagtgtt gcatcaatgt cgccaaagga   180
tatggaggct ggcaatttta ctggcatcat ggatcagttc ctcgatgact tgggaacgcc   240
gtcgccttcc ttcaatatgg acttctcgat ggaccaagaa cctataccag gacgtgtatc   300
attaccaccc gatcttttca ctgacgtttc tacacaacac gatcgctaca attattatcc   360
tggcactgaa agcaggggtg cagcgataac accacaaagt atggaaagcg cgacgaatcc   420
aagaccacct gttcagaagt gttcttgtat cgagttagtg aaccagcatt tctcagagat   480
agaaagctcc cttgagacat tccaaacgct caaagtcctc aaaaagtctc tggtgtcagc   540
gaagacaatc ctggagtgta cagtctgttt tcagtcaatc aagagtncac gcacatcgcg   600
aaacgtctac cttttgggtt ctcttctatc cagcattggc tcttcttatg gngacttttt   660
ctatatccag aagcaacgaa cttccgatcc atcagtctcc agcacacctg ngagcctttt   720
attggacaac aagctgattc gcgagacatg ggtgagggtg ctntcgaggg acccaataca   780
tggctttnta caacaagtct naaaaaagag ttg   813

<210> 3041
<211> 563
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(563)
<223> n = A,T,C or G

<400> 3041
cttggcagtc attctcatct tggaaactaa ttagtgacta cagatcgagt catacacatt   60
caagacaact ctcattgtcg tgacactccc ccattttgct tggcaaccgc tcggaagaca   120
atacacccgc taaaatctcc aaatttatag cagccccagt ggagtcgaca aggcctgagt   180
ggtctgggag cataagagat gaaattagca ggtcaactta tgctattcaa atcaggcttc   240
ttaggctctt tatttcgtac cacaaaacac tacctagata cggcatactt gacgtgcatt   300
aagtgcaaca atgtcttagg tgagctgaca tgcttgagtc accacgtctc tttcaacaac   360
ccggcttcaa tctctatcct caatcatgag attcctgcct tcacattagc tgngatcaca   420
actctcctna caggccaaga atgggaacaa tgtacccggg ccaccacaaa accaacacga   480
ngtaccaccg ntgnttggac ccagaatctn naactcactt ttcggactcn aagngatagg   540
cngcccagga gctgccgata cac   563

<210> 3042
<211> 305
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 3042
```
gttcttccct tatgtctctc ttcttccaca accttacaaa cctccacatt ctaactccag    60
ccgcaggccc cgcagaaaca ggttctggtc tcgccctccg cacaagaaac cactgggctg   120
tcattagcac catagcacta ttccacacaa acgccgcaat catccccagt gaaactgccc   180
acgctgtaga aatctggata tagcacagcc ccataactga gagatcatcg aagccatctg   240
tgagcacaag cccagataac ataagaatca cttgacacac aaacatgtcg aagtagtgaa   300
ctaan                                                                305
```

<210> 3043
<211> 224
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(224)
<223> n = A,T,C or G

<400> 3043
```
tgcggcatgt ttggctggat gagcatgggt aaataaaacg ggatctcgct tgataattta    60
atgatgccga acgattcagt ccggtagcac atttgtgctt ctttgcagca atttgaagga   120
atggtatttc cgggcgttgg atggagtata cttgacacaa gcagccagat ggctgtgcta   180
tctatttctt tataaattta caatgtttaa cgtanaaaaa aaaa                    224
```

<210> 3044
<211> 254
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

<400> 3044
```
nggtctatct aanaagaaaa aacttnattg ccggttntga aacccccnag anttggaana    60
ncccgccggg ccacgaaagg gattccatgg ataccctttt tnangtggga naaagctaaa   120
anggccttac ccaggggggtt tttaaagggt gaaacttttc ctgnggactt cangttgccc   180
cttttnaaaaa nacccntttg gganaaatng gggtttcaac ccctttaatg gaccnccgng   240
ccccgttagg tatc                                                      254
```

<210> 3045
<211> 569
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(569)
<223> n = A,T,C or G

<400> 3045
```
ctcagggctg aagcactaat gtggcgtggc agtgctgtcg gaagggaggg acaacactac    60
cttggcatgt ccccgttgc atcggcaaag tttatagcac tgtttgatct ctcaagcgac   120
atgaaacccca acaatctttc agcttggcgc cacacttggc actcgacgcg attactatgt   180
atagtgttgg gctcatttca accctccccc ggcccgacat gcgagaatga atttgacgat   240
gaaatataaa aaatcaaggt agcgacacac aatttgacca gacgcatcgc ctggggccat   300
gcattctgtg gaggcgctac tttctcactg ggcttgacat ccctgccggg aaaccaagct   360
acacgactgc cggaatttgg caaaaggagt catacaggag aangaatatt tattggcaga   420
```

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```
aggaaaaaaa agcctggcga tgttctttat gggttaagcc aatttgtgct atcccttgnc       480
aaaatgagga gganaggaca aagggtttca cttcgtatac tacatattaa gcttgacaca       540
ngcttgatgc tgaatgncct cgcttgcat                                         569


<210> 3046
<211> 651
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(651)
<223> n = A,T,C or G


<400> 3046
ctcactcagc cttaccaggc tcttctatcc aaagtcactt tcgttaaaaa tatcatgtcu        60
tggaagctca taaacattcc ttctccgggg tgaaccgcct tcactctctt tgcggtcatc       120
ccaaccgttc acgctaccta ctatgacatc ccctataata tgactgccgg tgaaaccttc       180
aacgtcacaa tcaagcagaa cattgatcca aactctgaaa atgggaagag caaccgactc       240
ttatcgtgtc tatctcgccc tgacaccacc aggatggggc acaggacctg tttgttggct       300
ccagtatcta attcctcgag atcaaacaca agtcaacatc accattcctc ccgacgtggc       360
tcctaagggc acacgtatca ggctttcaac atgtcttacc aactcaaaaa atggcaggcg       420
aatcaccggt tttgattaca gcggaaagac agatatgtcg gggttaaacg gaacttggag       480
ccaagccgaa ttggaccgtc cgaatacagg cgaacaaat aaaggttcct gctcgcgtta       540
tgggtgtggt angggatgct atgatctgtt ctacaaaggn gacaaagatg atgaanagtc       600
cagcccggaa gtcgtattgc ttgcttgaan gnttgggcaa gaaaatttga a               651


<210> 3047
<211> 412
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G


<400> 3047
cgaggctgtt atctgggaca agatcatcac gaatcccagc gccgaccatc tccagaacat        60
tggacctgtt gctatgaaga agctcaagcg cagcgctgaa ggaaagacaa tcgaccccga       120
ccgtggcttc cttggcctca agaaccagaa accaaagtat caaatcaccc accctactgg       180
taaggttgca ncgacagagg atgtgaactt aagctgccta tatggtcaan cctgggttgg       240
attcttactt gggatcagac ccgcnacttg gcactggaag gctttggtat ggcgagtcac       300
caagttcatc ttccancatc aagatcaaga agaagaagat ctccaagaag actctagatn       360
gctggttatc agtttaatat gtgttgaagt gaaaaataag ttaatgtgcg gt              412


<210> 3048
<211> 254
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G


<400> 3048
ntaaatgcnt atgccntgtn ttatgatgtg gtaccntcat catgactagt gcggacatgg        50
tgganaacag nacantgtgt taaccngcct cttagccaga ataaancgcg taagaagttc       120
ccaattgcct tgcgacnaag attcggtnng cttcattngt cgccttttn tagncctaac       180
```

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```
tnttgacgna cccaagctag tttgacaccg taacttcanc cnataccacc naccaggagt      240
tgccttacac ttag                                                        254


<210> 3049
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 3049
ccctgtttca ggaaccacca cgaccagggg ttccgcgctt aaacgtcata atactaattc       60
cttgtgtcc cagtcattct ttgaaccctt gatttgactt cttctgcctt ttggtgatgc       120
cttccgtcca ttctctgcat ataccagacg ttcattaaat ctgtttttgt tttcatcatg      180
gcgttgtttg aagaggccaa ctgcgatcga aacgcgaccg ctcccatagc cagcgacgcg      240
ggcgtcgcaa gtgctggtat tctatggtcc ttcatgatta cggcgctgct tgccgtcatt      300
ttatcgagta gcgtcatctt cgcggagatg cgaggcaagg agtctgttca tccgacggaa      360
gctactcaac ggctacagcg actctcaaat tatgcaagga attggtatca agagtgttgg      420
gcttcgccaa aaaaaaaaat cttcgggccc gtataatttc tttctaaaat ggatgctggc      480
gcttcttttc atggggaccc acaacacaac actgntagcc cttaagcaag aatacccncc      540
gcgattgggt gattcgatng gatgccacaa gttnctcatg ttcgtcaaan ctggggctgg      600
cttgggnctc tgggggcttt ggtctc                                          626


<210> 3050
<211> 582
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 3050
ttccaaccag gttccatggc ccaagcctcc atctgttaac gacgcaaaac tataccctgc       60
tcgtcaacag aagcacaaca atcgcaatgc caactatcaa cccccgtgac tcggtcaaat      120
ccacctggcc tctcagcgac aaatctcaat ggggcatgag ccagcgcatc atcgatacat      180
tgaatgcgta cccaataacc cccgggaaag aagtaccgag acatcccaaa actgagatga      240
tgccctactt tgttgaatgg cagggacatg tctgggtttt gttccatgct tttgctccaa      300
tcgcactcca tcaaacatgg ctgtcttgta ctggccacga aagtctccat cctgtcatca      360
tctttgtcct ctacttctcg atgttcagtt ggaccgtggt ccgcgaatca agcttctcgg      420
aaactgggtc accagcatgg gttcttggat ggagatactc acgaacgtga tggcatacct      480
gactcggtgt cacaaagtgg tgttctccta tggaaaacac tggtctcgga tcccatgtta      540
ctgcatcgga tacaatacac caatcnccac ntcgttatca aa                        582


<210> 3051
<211> 224
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(224)
<223> n = A,T,C or G

<400> 3051
nctngatgtt ggtgccgang gcatacnnct ggatgctttg nctgantata tcgacaagcn       50
```

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```
cattgacngg cctttcgagg acttnattga cnancatttc cagggcactc ccttcatcac    120
cgagattctt aagactgccc accgcttcta cgtcaaggag aagatgcccg ttatccgcaa    180
gtcantcaag cttgtccttg nctataacct nantatgcac anaa                     224
```

<210> 3052
<211> 148
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

```
<400> 3052
naaagtattg ggctcatant cnttataaag nacaaaggcn ggtttnttcg agcaganttg     60
gnaatgacaa actcaagtnt tctttcnaaa aaggtagaaa aagaagttat taagaagcgt    120
taaactttnt tnctgaaatt caataaag                                       148
```

<210> 3053
<211> 226
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

```
<400> 3053
nggttggaag aaaatctgga tgctttacag taaaagngag agttcnctta ccaactatan     60
ncatgggcga ttngtnactc atctgcttat cgaagaccaa ntctngaata acttccngcc    120
gtccaataga gnttacgttt acaaggacca aattggccta ntgngaattt tatnaaattc    180
aattgtcttg ncatacaacc caggaccaan gaaaaccttg ttttcc                   226
```

<210> 3054
<211> 137
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

```
<400> 3054
ngccagtaca ntgaggagga gnaatccggt tctgangatt tcaaaagtac ataggtnaat     60
gttgntntgg ccaggttaag ggcccaangc aaaattttng tcaatcgaca ntgggttttt    120
ggnngggttc ccttgaa                                                   137
```

<210> 3055
<211> 272
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G
```

<400> 3055
```
cctctatttg attatctggc gggcgcaatg tggaaagggc ttttttttgtt ttttggttgt    60
atcattatgt atctgtcagn ggaattgaga acacgcagag agaccacggc ctggagcctg   120
gcaaacgccg attggacagt attttatttta ttcatgataa ttcatnaaaa aaccaaacag   180
gatgctgaac aattngggac aacatgttgc naccaaaccg gtccaagtca acgcaccaaa   240
aacacaacca gtttttgggt gtttntaaca aa                                  272
```

<210> 3056
<211> 1775
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1775)
<223> n = A,T,C or G

<400> 3056
```
cgttcacata ccgtgatgtt gagctaatct atcctgatat ctgcttcatg aatacggcta    60
aatatttatt tcggcggcaa acgtttactc gattgtcgtt gggattaact ttaccatgat   120
gaccttcacg cacgccaagc aatctgctat tggctgcctc accccgcttc atcaagtcga   180
ttatctctca catgctcaca atgcatccat tcccatctta ctcttttaca ccaactcact   240
ccgtgtatcc acatccggaa aacagattgt ctctattcgt ccacgtacag gacgaagcta   300
cttgatatcc gtactgggaa gtgcccattt ttcacgcagg gtcttggagt gtgatatctc   360
ccacttgata ttggatactc ctcctcctca tactcaccgg tgtgggtgag agaacggaac   420
ccatgtttta tcggtccccg gcttgccgaa accactaccg ttcccgttct ccatcaaccg   480
gcctaatcga gcccccacat taacttctgt tccgacatta gtcgccgaat tccatgaaag   540
catgacctgc ttcgaacgtc gccttgtccc tggcagctag actggaaccc agcccaagct   600
aaaggaagag ataatcggca tgtatctaga aacacaccat cgcattgaat cggatggcat   660
tacgtggcga atcccaccca cctcgatccc tccacaagct ctgcggcagg cctcaacatg   720
tcaatcatgc tggttatggg aaacgccttc gacttccaca cgttgctgtt gaataaccct   780
aagtcaggaa ccattggact tggtacggga cgtgttactg tactacacca tcattcgctg   840
gccggcaacc tgccatgatc tcgccatcca gtactttggg cagtggttgc atgtccggca   900
cggcgcgaat cgaaactcac ggagcttgag gtcggggaga gctttgctac agtggagagc   960
tcgttctgca ccgtaaattc ggcgcaacca ctttgcatga tatggaccaa tggcagagac  1020
atgatatccc gcattgcaca ttggcatgcg gggtgagggt ctggtagggt actttgaag   1080
agaagaccct tggatgaatg atggaattgc tcccccaagt cgggcagcat gtaatacatg  1140
gagtggagtt attgtcttta cacaccata cccacaccat gccagacgat aatcaggcaa   1200
ctgatgtctg ataaaggacg tgaaacgctt atgagtggga tcaatgctgg cctcgatcga  1260
gtataagaag gacgcttgat ctccctcaaa ctcgactttt ttttcttcat ccaacaagct  1320
attcactctt caacacaaac tcaacacact tttacaacct ttcaacacaa actcaacaca  1380
cttttacaac ctttcgaagt ctttcttcac caatacccttc aacatgtctc cctgctcttg  1440
ctgtaaccac gccgacgctt cttgcaccag cgcttgctct tgctgcaagc actaaattcc  1500
ttcttattat taatgcctga caacacttgg cttacaacca cggtcgcgac aatgtctcct  1560
tgacacattg aggaacatcc aggaacaagc ctttgctaag caagtcggac agatatgaga  1620
atggaaacaa tgaatagaaa tggcacaaac atgcgagagt agctgtgacg gccaattttc  1680
gatggtagcg cagtgttaga tacaaattga agcttgcatg ccttgaaaaa aaaaaaaaa   1740
aaaaaataaa anaaanaaat aaaaanaaaa atttt                              1775
```

<210> 3057
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 3057
```

```
ngcnttgaca tgaccagagc caatcatngc cgaccncacc tattgttgct atcatctgca          60
caaagaccaa ctgtccaaga tntagcccaa gaagcncatn gaga                           104


<210> 3058
<211> 321
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 3058
nqtaagatac tgcnactttc gctgagcang gtantgagct tgcntttaca ncactgcaga          60
gaccagcacg atagctncac tgaccgatca ntantgggct ataggcttcc agtnnctgac         120
tctggancct acggcgaact cagagccaat gntggaggtt tagagtctgg aaacntcgtt         180
tgagnaaccg ataccttntt tntgggctgc cccgnccgaa ggnagcgaaa ttgngcggtt         240
ggnatctacn ggcatcnacc tgttgtntgg agggggctta gttaacgccc cttgngagct         300
tngaacctgt agtgccttct t                                                    321


<210> 3059
<211> 644
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 3059
tgcctcatca tctccagatg acatcgcatg ggcagtagtc ggatcaatat aattctcaca          60
ctcaatccca cactgatgac tttcttatca acttttcatc atgaaatggc gttttgggaa         120
ctgattcaaa cgcgccgcaa gagatcatgg aagcgtgcca aagtatggta gtgcgtttca         180
agacgcctcg ccaaccaaga tgtacttgac ggataacgca acaatacccc tttgcgcacg         240
gattgcgcac atttggatat gaccaggatg gatggatgga tggcgcatcg caccgcacca         300
ttatgtcgag tacaggtatc ttgaggttgg ttctagccta cccagtgtct tctcgacttg         360
ttacaatgta ccatcagcag tgacgtacag caaaagaata ccccccttggg gtgcaaaccc       420
caattcgaac acatgcgatt gnatatacat tcatgtatgt attttccttt aggccttgcc         480
ancatttgct ttgattttgc ttatagagag gccatctggt atttggtttg attatttaca         540
aagaattgca ttgcatgggt acttggtatt ggcaaatggg tttcttgaca tcatgggatc         600
tcgatttttnc tttttaacgt gggaggggat tcgggaggag aatn                         644


<210> 3060
<211> 361
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 3060
cattcgaaac ttgttcatag atgctcatca acgataactc acattatact ctcccagttc          60
gctagacaat cgactagcta aactgtgtat cctcccatct acgtaactct ggacttgata         120
tcatggctgc tggccngtcc cgtccccgtt gcctcccaca gtgttactca acctggcgat         180
gcagaattca tgtccaacaa gatcaatttt gcactcattc tcaggactc aatacacttc          240
ccggaacaag taaaggaaaa gatttagctt ctatggctca acgtctctcc ccaaaaatat         300
```

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```
ggggccacaa ctccaagntt atgcccttt aacctcctca aagaaaccag tagttgcccc    360
a                                                                   361


<210> 3061
<211> 373
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 3061
nagcgggggan atactactgt cgctgnccgc anaaatcaac caactnggct gtntaatcct    60
ggctcttcat tcgcacaact atcgccgtta ctttcgccag tacccgagac acaaatgtcc   120
gacnggtggc tttcatagtt cccccaattg gcattncagt gcaggcgact tgcacatgac   180
ccttgcttaa gcaaatttcc aatgtctctt aacgcggcta ttncacttgg ctcacaaaaa   240
gncgggctgc tccctattga ctttgggcat ctctcanatc ctggggggaaa tccacangga   300
ggattgtcac canggtttgn cttttgggca tcgccccaag gatgagtctn tnttttttac   360
ganggnttta agg                                                      373


<210> 3062
<211> 654
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

<400> 3062
cttcttctan cccactgctt gtctctccat tcctgcacgc aattnggtga ttcatcatgg    60
ccgacaaaga catctctccc agtcgttcat acgatgacaa gaacgcaagc ttccctcctg   120
aaaagggcaa tgcagaggtt ctagagcacg ctggtcaagg ccgccgtggt tctaaagctg   180
ncaacatcgt tgtgaatcct ctacngggta aaacgaaaga gcaaacaatt accgacgcac   240
gcacctttgc cganaccaat ggcatgtctg agcatgccga ccttttcggc agagccgntn   300
ttattgcccg tgatcctgac aacttcgaat cggncgacct tctcgatgat gagcgagaag   360
ctctcatcta cgaaaganac cacaagtggc atggatcaaa gatgttgtgg tactcaattg   420
gcctctgtgc tgttggtgct gcnacacagg gttgggatca gacaggtgcc aatggtgcta   480
acctgtcatt ccccaaggaa tttggtattg atggtacggn acgcgatgaa gtggattggt   540
ggcattatca actccatcat cttcctgact gntgggntga tcggggctttt nattggcgat   600
ctttnaacca cttantttgg gcgacggggg aaaagatctt tatttacagc cgtt          654


<210> 3063
<211> 121
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 3063
nttgtcactn aggctccccg ccctcagtc tcgggtgctg ttgaaganct tgcaagggtg    60
cgagcagaaa atgaaggatn ccattnctta tgggcagnnc agccctgaat acacttatta   120
t                                                                   121
```

<210> 3064
<211> 101
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 3064
ngggnaagaa acgggggggcc cttgggcccg gacnggggggg aaagggggggc cncccgaaaa   60
aaaccaagnn gggggaangg gggnaatggg gaccngaaag g   101

<210> 3065
<211> 158
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 3065
tnatttgncg gggggggggg nggtanagta gcccncaagaa aatcggacgn caccgnagga   60
agaaanctan gcaagacgcc caatngcgaa gggccntccc gggngcgaga ngagcggcag   120
ccaacacnga aagccagccg acggacacac agaaggng   158

<210> 3066
<211> 496
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 3066
gcgagtcgag cgcgaatctt ctatccttgg agatgcagac naatactctt gtttccctgc   60
agacttcatc atcccccacn aaaataacta ctcgacacct cctccgttga ttagcgttac   120
tttttcgatca ctggaactca tatcatccga gtcgaccaag gtttttccccg cgagggcagc   180
taacaaggat cctgaattac tatcgttacc agccactgtc aattttgctg tggccattga   240
cggattcacg gctganaact tctcgttctc tctggcctac nacattagtt tcgtaacggc   300
gcacccgtgt tcaccttctc accgagttcg tttcattaaa tcgccatcaa gcccaacaat   360
ccaacaaatt gacgtgactg ggtctgacac gttcgggcaa ggctctcggc ctgccaatcg   420
cacaggccat ccattacaca aatggtataa ttacgctgca tccacatctc ggagcttntg   480
aagcgcagca cacttc   496

<210> 3067
<211> 471
<212> DNA
<213> Fusarium venenatum

<400> 3067
ttcaatccat cacacctacc aactctcaca agtccaacac tacattacaa ctatcatcat   60
gactaccaac tctttcggcg gagctcttcc tcgcttcgac ttccctgctc aaccacaacc   120
tgccatgtct cgcattgcac gcgtcaacaa agctcttcca gtagtcttgc tcgcagccac   180
agtagccgca ctcgctgtca agacaagaca aaactttgat gcaccatca ctacatcat   240

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```
gttatttgca cgcccgcaga acttggtgcc tcaagggcag ataagcattg acaagaggaa      300
tggcgatgtg ggattgaagc caaaacaata agattagaca ttgtgatggg tggtaggatt      360
gggaagcata aggaagcgat ttacagaccc gttttaaaca tgagagtagg gctggtccca      420
atacatggca ttttaattat tcactcgctg ggtttattcc aaaaaaaaaa a              471
```

<210> 3068
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 3068
```
tgcaagatgt cctaatggca ctgagaaagc ttcgagaagg attggtggcg accaagcgag       60
ctgatctctt ttccatacaa gcctacatct tctccattcg cctgtctatc cttgccaagc      120
atcctgagtc atatcaccca gcgattctgc accttcttcg atacatggct gtgtggactc      180
cgatggtcca aagcgaaatt gaagaaattg ctggctactt catgctagat gccgcgtgtc      240
ggcgtaggga cttgacggag gcgtacttca tcaggcaaga cttcaacatc agaaacacga      300
agctggatca catacttaaa gcactggcgc atgacaacta cgtctcgtgg caagctgtaa      360
agcaacaagt cgaccgccat tgcctcaagt tgatggagtg ggcagatgat gacatgaggc      420
ttcacactct gaaatgcttt gggaaatcgt atcttcacgt cgacttgcct tacttggnat      480
tttncgccgg tcgcaagtgg natgagttgn aaaaaaaaga caatgtcngg tgggnactgg      540
aagacnagaa ggcactnttt aaagactaan ancgagatga nggtcgtttg tnatgccggg      600
gtncccgaac gagtttttnaa acaagaaggg ttatt                               635
```

<210> 3069
<211> 169
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 3069
```
ncnccgcaaa ggaacccctt ttttggggggg ggggaaaag nggggaaac cagaaaacag        60
ggggaaggc ctggcccccg gggggacgnc ctggaagaat acnatcnggg ggagccaana      120
atncggaacc gggnccaaag gaaaccggaa ccgnaacaan ccaaaagcc                 169
```

<210> 3070
<211> 127
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 3070
```
ntgactnata aggggcttgn ttccttaaag actgcngtct cnctcatctg gnagtcgtca       60
tggccttcnt cttgatcttt gagggncagg cttcctggac aaaaccggct tnggccctaa      120
ttcggac                                                              127
```

<210> 3071
<211> 597
```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 3071
```
cgtggcacga tatcacaagc aatggatgat tgatgcaggg tttgaagacg ttcaagaacg     60
agtctaccga atacccattg gtccttgggc aaaggacccg gcgtngaaag aactgggtaa    120
attcgaactc acgcacatgc agatgtctgt tgaatcacat acacctgcac tattcacgcg    180
agtatggaac tattcccagg atcaggtcat ggtgttgatg gagggtgtaa agagagaatt    240
ccgaagccga gacttgagat tgatcacgac ctatcgattc ctcacaggac naaaaccagt    300
tngagcgtag catctggatg tttctttact caagttgcac ttggtagctg caaccacttg    360
tttcttttcg ttttctcaa gatagccagt tttattcttt tcttcttgtc actctagcca    420
ccgntgaaag ggttattcgc tcgtggctcg tggctcgngg cataaataca tcaatatggg    480
catgttttaa tggcacatcg gttcaatttg gacctggggn cacaacgaga aaccacacgg    540
atgacgattc tnttacgata atggccccga aaattgattt aaaaaacatt nttttca      597
```

<210> 3072
<211> 232
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 3072
```
ctttggtttn gcttagtgtg caaactcatg anagaggcga ataaaggtaa agaaaatcaa     60
ggacngcang gtgagctgcg gaactgatga aatgccttgt tcgacacagt acgtatattg    120
taacttgata ctcgcgagct ccttgtcgca tttggccgcc ttgacnagtc gcaaaagcag    180
gacctggtaa agacagaaag acaganagan gtgggangtg gatatcgttg gt           232
```

<210> 3073
<211> 203
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 3073
```
ncaaggacct cttgngggat tnggatnatg gctttggtgt tcattaaagc anaaaangga     60
ctgaatgnat gaacattggg acganggnag aatggatgnt ctttgtnttt aagantactc    120
tatcttntcg ngaattgaan anaaaagaaa ttaagttntt tgngcgttna cctinattta    180
aagggccaat ngcctttttt ttg                                            203
```

<210> 3074
<211> 316
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(316)

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<223> n = A,T,C or G

<400> 3074
aaagctgttt tgaccatgcg gatttaggag tagaagcctg aatgatgcta acttgctaag   60
gaagatgact ttaggaggct gaaaactaga acttctaccg cagtcttagt ccagccctgt   120
aacgttttgc aacagccaca attgctcgcc cgtggctttt gcaaggggtt atactgcagc   180
tcattctgta ggaaggaagg tcatgttcgc tatgatcctg gctttgctag angcgaagtc   240
ntggtttcaa ccaccatcat agttaagnct gnactttggt natcaaggaa tagtnttcaa   300
cttttggggg aaaaaa   316

<210> 3075
<211> 118
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 3075
nttgctnaag ggnttaaggg tttgnctttn ggtggaaggn ntaaaatggc tttgttacgg   60
cgaanggtgg acagngggat attaataaag accntgtctt acatggnanc catctgga   118

<210> 3076
<211> 216
<212> DNA
<213> Fusarium venenatum

<400> 3076
caaggacacc agcagcttca accgtactct tggtaccgtc aaggacaaga ttcgcggacg   60
tgctgcttac cgcgagcgtg actctgagaa gctcaaggag tggctcagcg cccatggata   120
tgcttgactg tgtaaactat aaatattatg aaatgagcgg tgactatatc acaagaattt   180
ctgtttaaat aaaagttaaa ttcctaagga aaaaaa   216

<210> 3077
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 3077
cagcttgatg ttgaagaaag aacacttatc tgctatatcc ccttttctta ctggtttggc   60
ctcccaaaat ggcngtcccg tcctatcttt actgccacgc accccgtgc atgctctacg   120
gcctttgagc gagtcttcat ggcccgaccgc gatatcctag agagtgtcca cgagccttt   180
gggagatgcc ttttactacg gtcctgaaat tctcagcgat cgctttagaa atgacacaac   240
cactcgcgaa cagagtggtt tctctcacaa gacctataag gacgtcctta gcgaagtcat   300
ggatgcgggc aaagatggca agcgaatctt catcaaggac atggcttact acctcatggc   360
ccagacagca agcctaccaa ggttgcgccg tctctgggcg aagaaaaacc nggtaacccn   420
cgtgttncca ttagaagtct tgaancaatc cnattcattt ccttatccgc cacctcgaca   480
aatatccctc gtnctatcga tgccantgcc nctctggatg aantccnggt tctntaattc   540
tgccatgag gtggntacaa aaaccnncct cttganttct gatcaaaaaa aatgtc   596

<210> 3078
<211> 273
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 3078
tactcactgg aagagagaga aagacaccgg gaagggagtt gatgtaagta taggcaaagc   60
agtgcaatgc tatactgatc atcccttccc aacgacctcg cgagagacac aacccacccg   120
atcttttcct cgtttggttc gtgttgccgc ggaggatgaa tatttcaang attaaagcac   180
ggttttacag gttcctttat atccatattt tcatacatgt aattntctct tttttttttt   240
tttttttgct ctttcttttt caatcttggc att   273

<210> 3079
<211> 446
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(446)
<223> n = A,T,C or G

<400> 3079
ntggtctatc ggtggatcag aaaacaccaa gccgcacgcn ggtttggcca aagccgtccg   60
gccaagccgt cnaacangaa gcagatatag tgagcaattg ctaagacgtt tcgacagaga   120
taaggatatt catcaagtcc gtggactata agcgagtaga gcttggctac ggccnaactn   180
aagagccggg gggcgccacg ngactttcac aagtncgatg gcgctagcaa tggcttcana   240
agtgnatggt nttttgncga caaccgacca atcaagaatg gaatcgtggt cgggnttntt   300
aagctgacaa agtcantctg gtggcaagaa ccttggtgng cgtacttta nnccaagtcc   360
anggcaangg ttaaaccaag tncgtggtgg tggnaanaaa accccccggg ccccnaagga   420
acccnaangg gcttncanaa aaaaaa   446

<210> 3080
<211> 132
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 3080
ngctanatgg aaatgtngct gagctgctng atccctgaac tattaaaaat cntntattga   60
gngaaaaggg ggggtttntt taaggcaang ggctaaaaan caggtaanaa agctggagaa   120
gaaaacnaaa at   132

<210> 3081
<211> 159
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 3081

```
cgtctagcaa ggtcatgtag accgtctcgt cctctaaact tactcactta ttcgtcaatc      60
atcatgctca aggcttacaa gaatctntcg ccaaaacccg nctcggcgtc tggtgttgcn     120
gtcattggca tggggtgctg gagggactca tggttgact                           159


<210> 3082
<211> 114
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G


<400> 3082
natgccccaa gcagattnca cggcggcgg ccattttttg cntcctngca tgcntnaggt      60
tcaaggnttg gtctccnttg gntcatgggg gttnganttc gcgnccgctt tttt          114


<210> 3083
<211> 183
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G


<400> 3083
naagagaggg cggcggaaga atctntngga gcatcaacga tatcaagtgg ttgacgccgt      60
tgggtcctga aatagangcc gctcttagag tttagctngt ctatgtaatg tcttnggatn     120
ggataagtgt attgcgtntt tttgatttgg gtaatagaaa tcttntcttg cctttaaaaa     180
aaa                                                                  183


<210> 3084
<211> 238
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G


<400> 3084
ngacatccnc anaggccctc cgntattttc tgcacaaggt ngcttttttga ttaccanttt      60
aaacccnagg aaagcttntt tgacngaaan ggactgggta cccgaccggt ttctttgnat     120
cctttaaccn cttcaagtcg gtccctttgg gnatgaattg gncagcccnt ttccttttgg     180
tcnaaaagaa actttcgnat ttccanacna aaaacgcctt nttagaangc anacccca      238


<210> 3085
<211> 369
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(369)
<223> n = A,T,C or G
```

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<400> 3085
cgcggcgggc tacactgccc ccggtaagca gactgggtgg ctatgatctg cctacccagg   60
ttcaccctac ccangattat cctnaaccta ctgggcgatt ctcacaagcc tagtggtgac   120
tctttccaag cctagtggtg acttccncna agcccangcc caacccttt tgaggagctt   180
nncacctacc tncccacaaa cgtttaccct tcagatcccc tcaaagcaac actgttggcg   240
acagtttgtc aaggcccaca agggcaccac cacaaagccg ggtggacctt tnttgagccc   300
gcaggcactt cccccttgng ggtcaattna accgggggggc aatcaaggct tgggaaccnt   360
tgccttggt   369

<210> 3086
<211> 344
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(344)
<223> n = A,T,C or G

<400> 3086
cgagtgagcc cgacgccaag gtccccgagt ttatacctca acaacaagcg ggctgaactt   60
tcaacagctt agtccactaa tatgcaccgt attaaactgc tttcagagtt tcttttttctt   120
ttctttttca cgtctatctc catttcattc gctgagagtt cgcttaagct tttggggttc   180
atgtatttgg gagcgatgtg tgtgtaaaag aactaacgaa tggtgatgat cgtctttatt   240
aatcagatgg gaagtttngg actaccttgg caggcgctgg gggtaaaagg gattntatca   300
caaggcgcat tcctngacca tgccncntta agataaacca tact   344

<210> 3087
<211> 622
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 3087
ccaaaacatt catctggaca gtctacaaaa ctcggcttga ttgcattcgg gcactatgtc   60
ataacaccta caggtttcct tgtcactctc tatggcctga acgttgtagc ctgggggcggc   120
atgctcttct tattgctctg caacgcttca ccagcaatgt gtgttccaac ttgcaatgat   180
atcaactcgc ccagacgaaa atggatagag gggggattct cagatcctta atgctctctt   240
tggtgtcaca ggctttggac tcgcccccttg gcgctttcgc gattaatatt tcctcccttca   300
atatcgcgtc caaaaaaaag gaagttgccc ttagaccctt ggcaggcatc catcgaggat   360
ggttccgtct tccaggatct gatcagcttg acctcagata gggccccata atatcttctc   420
gtcgnccgat ctcaactcgt cactcgcctg cccgtttccc caaaaaaaat cccgagcttc   480
cttgacanga gtccgagctt cancaactac cattacaaga attggatgct gcatatggtg   540
atggnatggg aacaccttct gcaatgcgtc tgtctngggt tatgtggggg tgaaccgtac   600
caagtccat tgggccnagg cc   622

<210> 3088
<211> 433
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 3088

```
acaatgctta gaacgcgaaa cggatacaaa aacatctcct actctggatt ttgcattacg      60
aaggggcct cgagaacgaa aggctttaat gactgactct accttgatca catactatgt      120
gtgtgtcctc gcctttacta gtactgaggg tcccctgtt tgcttttggt tcgcctcttg      180
agattgatac ctcgaacctt gtcctctttt tttgagctgc tttccatgct atttttttgt      240
ttgctggagg agatgggaat ttttggagat ccttcctgca tggtttattg ggagcggcga      300
aacgccgatg agaacgaagt tacgaatctt gatgattatt aacaacttgg gatcgttgaa      360
cggtcctccc tggcgctttg caccgtcagg gtcgaggtaa tgagaaattc ggccacctca      420
naaaaaaaaa aaa                                                         433
```

<210> 3089
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 3089

```
gtaacgttct cgtcgtttag ttatcgcatc gaagcagcca cgatccttgg tcgagttttg      60
ttgctgaatc agttgaanaa cagcggtcat gaccattcgc aatccatcga gaatgctcta      120
cttagctggt cgaatcattt acctcccggn aaactggaaa ttgttgactc gtatgggaat      180
atcgacgaga tgatgtttca ggcacacatg atcattgcac tcgccagcat gctgttacat      240
ctcccccgaa gcaatctgca ctntntttta gcagacgtna aagatcnatt tctaccagtc      300
gcacagaacc accctctttc atcatccacg acattaatcc agggcataaa agcaacggat      360
gcatcaagac gtatctcaga ttgnatatcg ntatgcccca acgtcccnaa acacacaccc      420
ttcgtcatcc cagctttggc actctgcggn ttcatccagc tcgccacaac ccaaggccat      480
cccgacgaat gttttgaaca ccactacaac cgcgtcactt tagtactagg ntggtnaaaa      540
agtgcaaaac nggatatggc gccatggggg aactccgant atgaccgtnt cggtgntgg      600
gcctgngaac ttaatcc                                                    617
```

<210> 3090
<211> 246
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 3090

```
aactctacga agccgacatc tctgacatgg gattngaggg tcgggattca tggtactact      60
ccgtctacga tgcttgctgc tttgagaatg ancaataagc atatcacctc ttactggtta      120
gtaggtatat atggtaacta ggtacatact ggngggcata aaaagcgaca agctccatgt      180
tgnaaaggtg ttgcgtcnag agaaggtctc aaaagacatt aatttataat ttcataactt      240
tatttc                                                                246
```

<210> 3091
<211> 112
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 3091

```
ncacacgacn ccagcacacn ancacaccac gncacgagan cantaacacc acgacacgca      60
gcccnanacc aacaccacac cagcaccacg acccacgacc angngcgaca nc             112
```

<210> 3092
<211> 705
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(705)
<223> n = A,T,C or G

<400> 3092

```
cttggcctac ctggactacc actgccgtat ccattcccag ttgttttgtt cccctttttg      60
tttgaccttt gtcctgtcct gtcttgccat aactatttat ataaatgccg agccaggccc     120
tccacttgct cgtcctcttg gataacttca atccaaaaaa aatacctgag cttgaactta     180
catgttacgg tgccactgcc acgtctacta ccagccgttg ctcaagtgat cgcagatcca     240
agaagattcc ttgctgaact ttacttctga tctgctcgtt taaacctttc ggctaccttt     300
ttatttgtta ttggtgctct tcttcttctc tgttctggct ataaattact tgccttgtgg     360
tttcacaacg acttaactgg catctatcat atctttctca tcccagtctt gccaaagaac     420
aaaagcacaa catgactgct cgagtcgcac ctggctcctc atcctacaca gaggcatcta     480
ccaccatgtc cccagctgcc gatcacgatg tcctccgagg ccgtaagaga gagcgaagct     540
tgacccgcgg cagcgtttgc acattccgag ccgcaccaac aaacgaagtc gagcaacctt     600
cganggccgt ttgtggcgcc ggtttctgtt tanttcattg ctttaantac acatttngcc     660
ccttcttgcc taaaaaantc cttttttcaac ttcgacgccg ttttt                    705
```

<210> 3093
<211> 165
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 3093

```
ncagtaccat gggttngggg gataatgtnt ttgtntcaaa tnccanggat caaaggcgtc      60
aacganccat gaggagtncc ttcaggttgg agggagcgta ccggggctcg aatattagac     120
ggagaatctc aatcctgact ccatttcgcc tttcnaaaaa aaaaa                     165
```

<210> 3094
<211> 453
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

<400> 3094

```
catgacgaca ccgntataat acgggagtcg actatttat tcnagcatnc ntangancag        60
gttctccgcc agagttgtga acagtagtat cagctttgct caaacctgga gttgaatcaa      120
aatgactacg acctccgaaa tgcaaacagt gcgacgccta ggtctattag aggctggctc      180
ggctgctttt cacctcatgg gtttatatcg ctcagtggta gtatctgcga cgtacagtat      240
tccctnacgc gagcagtcta aagaagccat gctcgcagct ctggggggtt tgatcaatga      300
taaccctatg ctgngtgttg gcattaaaga tgaggggag cactatcgcc tactttact       360
```

```
nacatttccg agatgaaact taaggncttt gtcnagttcc gnanttctgc ttctganttg    420
actttagtaa aagaatttga aacattctgc ctg                                453


<210> 3095
<211> 688
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(688)
<223> n = A,T,C or G

<400> 3095
cggtggtctc gttgtcatgc gacagcctgc cgagggtatc attcacggtt ccttctctgc     60
cgatcaggct gccgacaccc ctcagcttct tgcttcttgc tccctgaca aggttgccga    120
tgctgtcaac aaggggtatn caggtcgaga tcgtcaagct gaacggnaac aaaaatcgac    180
ctcaagggcg tccncagctt ggaaggtcag cccttgacga cgttgcttaa cactcctcct    240
ggctggctga nggacgaccc tnccccacct tacnggcaag gtccaatcaa ccnaagcctg    300
cccaaggccg gttggcntta ccaaacgcca agaacccggn ncaagcccct taacggtttg    360
gnaacaaggg gaactttcct ttcttttcaa agccttcctg gccttaaaat accccaaatt    420
tggataggga cacgttggnc tggttttttt tctttccatt tttggtcaca tcttggtctt    480
ttggccaagc ttnttaatgc tcaacttggn ccggganctt aatttaccaa ggggattcac    540
tangcaaaac ccgccacnaa aattcggttt tatggtaaat tttaaattcc cttgggcaag    600
acttaanggg agtcaccgaa ttggtatttt tttccgccca gaactattgg tctattaagt    660
tggcccaata gcnggtcctt tttggtcc                                      688


<210> 3096
<211> 948
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(948)
<223> n = A,T,C or G

<400> 3096
ncccccaccc tttattcntg gttcaggcnt tcattttgaa acccctnant ctcgctgcgc     60
ctntacctta caaatgttca gcancaacct gtgatggatt tcggccatga gggttctgna    120
tttaccacag agctacctgc tgaggccagg atgcttttgg acggtgttgg catgaatgat    180
ttcagccctg cgctgtacgg cgagcaccaa aactggggtg cccaacagtn attccactac    240
ggngacgata ccaagtnctt taaagaagag gaggctgagc ttggtgctgg tggcaaaaag    300
taccccgatg tccttgatac aatgaactgg ggcaacggag actacgcgac gccaaccaag    360
aactgcaccg aggactggga cacctatatc aacgacccat gggtcactga ccaacagcaa    420
taagacgctg gtcagactgt tgcacagctt tttcctgatg atttgatgat acttttttc     480
tgcgacctat tagcagtcgt tcaattatca caacgacact gcttcccgct caattcgtta    540
aagagcaagg tggtttaatg tccgaggcgt ttgggcgatt tgacattctt ggacatatcc    600
aagaaaaaac aggacttgga ggcactttat ctgcatttat tagaatcacg agaaggcttc    660
cgccaggagt ttggggcata caactgtatt tattgagtgc acatctttga tatgtgcagg    720
agcggcagga cgataatatc cacgacatcg cagagagaac cgaaacaccc tatatttctt    780
ctcggtggtg atgaagttgn ttattttgng tttncaatca agntgattgg gttcttctct    840
ttggatgggt gagaatatga cttgcaantg agaaattcta ngcgggcaca attcttgcnc    900
ntaaagaacg ccaggaatca nactaaaagt cttccggcta ttttaaaa               948


<210> 3097
<211> 158
<212> DNA
<213> Fusarium venenatum
```

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<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 3097
gcaagctacg caggaagcnn gggaccgagc ncggaccac nagaaacngg ccagccagtg   60
ngcaggaacc cngcaganaa accgncgggg gnagacgaga ggagagngcn aaccccccana   120
naccccggga cacncaaacc gacaacacgg gaaacgcc   158

<210> 3098
<211> 214
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 3098
nccacaagtc cttcgtcagc ccgngatggt ctcncactga aactactcca tcgttggacc   60
atcgtctatg tatntttccg tcttgatgaa tagttcgagt ccaatagatg agtncggana   120
gctgacttcn ctttcttccg nganactggt ctttaagagc agganaaaaa aaggnggttc   180
attggggatt tttggaatgc tggttnaccg gttg   214

<210> 3099
<211> 499
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 3099
ngtcatcagc ccaggcagag ccttnttcta tctttcaaac gcgccgtcga ctacgtacag   60
cattaccaca gctggaatat gtaccagcag gtagcgatga tgaggctgat acaagcaacg   120
aagtctctac tccggacaca caagtgttga ccagacgcga aagacgacaa aaggctactg   180
ctgcacatca actagcgaac atgagcgccg gtgaccgcac tgctctcatg catctatctt   240
cagctgaaca gcgcgcgctt atcactacaa atcataaatt tacagaaaag gtcaagaagg   300
aggaagctcg aagtcagcga agacttgata gaaaaggaaa caagaacctg tatgcttatt   360
ggaacactga aacaccagtg tatcagtgtg gttagagaag gtggattgtt agtctattgn   420
cagtgattat aggggaaatt tgaaaaacta gcgatagagc atagttacgc agctttaatc   480
tatgtctttg gcttctgaa   499

<210> 3100
<211> 441
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(441)
<223> n - A,T,C or G

<400> 3100
gttcggtgag cctgactcag tattggccaa cttggcaact tgcatctgga gatctcgaga   60
agatgcaaag aagggcggca ctggtccagc tcatcgaaaa gctgcagggg caacgcggtc   120

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```
catgtatgca ttctggcaga ttgatcagca ccgactcatc attcgagaca atgttgaaga      180
ctgggaaatt atcccatgga aggattcagc ataatgttaa gagaaaactc tccagtcgtt      240
tgctcatctc ttatgaggcg tttgggatta tcttcaaaaa gtttanaaaa gggttatgct      300
ttaggatgcg ggcactgggt atggaaatat gggacggagc gagtaaaagg caaacggcgt      360
tattagaaag gaacattgat tggatattgg tagaaatcta natagtagac gacttaagaa      420
atataaagaa ggcgcttcca t                                                441


<210> 3101
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 3101
cgggatgcca aaaacgatca ttgtctccac gacaggctcc tgttttgact cgtgcctgtg       60
ctatgctttt ttctttccgt ggcgccggct ttgctgtctc ccgagctgct aattgcacgc      120
cagacatgca ctggctaccg tccgccccgc cgccatgtct gtctagtcag tgcaatctat      180
tgtccaattg cctgtcttgt cactgagtta ctccggacgc accggccgag acgattgctg      240
agtctgcaca gacacagagg ggctctgctc tgtgctagct gtatgtattg actgcactcg      300
acctcaaccc actgacatca cagggaccag ttgttctcaa ctcgtggtga cagggcaaga      360
gccgcggaat taattccttg ctgctatttc ctcaaaagan tgtgttgatt gccaccagga      420
gtcggncttg gcggcgcatt gaatggtccc ccaaatgccg gggaaaatgg gtatgtccgc      480
ttcctcantc agggtaaact catgaanatc caagtttact tttnaagtgc tggtagaagt      540
actgcacaag ggttgtaatg tgtaccccaa caaaatcggg tcatgggaac aattggtttt      600
tgaaaaanca accggttgca cccggt                                          626


<210> 3102
<211> 173
<212> DNA
<213> Fusarium venenatum

<400> 3102
gccgttgctt ggttgcaaaa gggcaacaag atgattgcca agctgtaaag cagccacgcc       60
atttacatat aagatacctt gttatttagt cattattttg tgatctatac gtagattagg      120
agccggtcaa cactgaaact ttgcatataa aactcattgt tataacatat ccg             173


<210> 3103
<211> 495
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 3103
tcactctgcg gtcagtatcc attacaattt cacttcctgc tggggacctt tccaccgaca       60
atttcacag tctagccaac cacagagcca attttctttc ccctgcact ccctgacct        120
gcaggagtat gtatatacac tgttcgaggg ccgggtaaag ctacctagat cgacaaagcc      180
tgaggcagc tattctata ctagatatac tagcaagcat catcacaatc agctcctca        240
gagataagct aatgagatgc ttgcaaatac gaatctggtc atatttatgt ctgactgcgc      300
gactgtcaga tgtttaaaag aaaatctttc cctttaattg agcgagccaa atcatcatat      360
cgattgcatg tggtgtatct gcgagtcgcg ttgacggaca agcgagagcc tgacatgatg      420
cctcgcctca ttgnctattt tggtctgagg tggangggaa ggagacaatc tgtagcncac      480
aatttngggt agtca                                                      495
```

<210> 3104
<211> 162
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 3104
naccatnttt gggttacttt tnaaaagcac cganccgaat ncatgagggt ttcacttaca   60
tgcntnccaa tgtttactac tgnattatac gtaccctccc ccccncccn ttttccggga   120
tacacccagt ttttgcccga agcataaaga tttntgaatg aa   162

<210> 3105
<211> 442
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 3105
tcaatctaca nctaatgtct ctgtcttaaa gtgttcatac ccgccacagn cttgcacaac   60
ttcttcaaat cacatgcctt ctctcaagac tntgntcgct tcggctacta tggcttacct   120
ggccacccgg caagancatc aagaacactg gcaccagtga ccacaaggtt cgaccctgan   180
gaantccgan gcttganaag ggntgaatgt cctcgaattn cactttganc ccaaaaacca   240
caagtggttg gtgcttggng actaccgcta ntcttgctnt ccccttgat cttggnnagt   300
ggtttncttc tntggtttcc ttnccactng attntgggat ctggccgaca aaggnttttc   360
cnaagtnaca gagcaacgna ccccgacccc tanntccttt ttttctcttn tcaagggcca   420
gggaattggg ctttctnggc at   442

<210> 3106
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 3106
gggactctgt aaaggcgaag gcagccctct atgtaaaaac tgacgttgaa ggacgaaggc   60
acagagaaca aacaggatta gatacccaag tagtctttgc agtaaatgat gaatgccata   120
ggttagatat acataatccc tatataatna aaagtattga atatatctgg tntataaatg   180
aaagtgtaag catttcacct caagagtaat gtggcaacgc aggaactgaa atcactagac   240
cgtttctgac accagtagtg aaagtatgtt gtttaattcg atgatccacg aaaaacctta   300
ccacaatttg aataatttta ttacaggagt tgcaccggct gtttccagtt aatgtggaga   360
aactggggtt tccatgaaat taacggaatc cctggcttta ttttttttat ttacgataaa   420
gcattctttc ctggannttt ggaaagaaaa aggggacaaa gacaagtcat catggccttg   480
atattgtggg ctatagacgt gccacatatt nctaaacaaa gagatgcaaa aatgtgaatt   540
taagctaatc tcaaaaaata ngatataaat ttttaaggat tgntagtctg naattcgact   600
tntntgaata agtaatt   617

<210> 3107

<211> 103
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 3107
ncggccatgc ttcttgnaaa atcgatncaa tctcaagaac caagccccct taanattatt   60
cttnctgggg annggtccta ttttttcnaa aaaaatggnt tcc   103

<210> 3108
<211> 121
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 3108
ncgaaccaca caacacttga ataantgaca gccgncaaag gatacgtata accgacaatg   60
ggcgtnttag acagccttga tncggncatc ancaatatgc ttggtcantg gaacgtatac   120
t   121

<210> 3109
<211> 436
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(436)
<223> n = A,T,C or G

<400> 3109
caaaccaact aaacgaacaa acacacttca attgttttac acaaacaaat caataacttc   60
acaaatgaca ncaaattcat tcggatnngc tctttccccg cttttgactt tcacaacccc   120
ccagcttcca agacttcaca agcggagact tgggcccgcn tcatttaccc actggagccg   180
cttgtcacaa cagccagcag ctgnattccg ggcctcacat tattattggt cttcangaca   240
agcaattccn cnatgggcca ggggttnacc acaatncgag ctggtgggaa acattttaac   300
cgaaaatgga aagganccgg tggggaatt aaaaccnggc cgaagtgggg tggaaaaaaa   360
cgaatgncat ttttgggngg gaccggncat tttttggaaa caagggacca cngaagaaac   420
cgggccattg gggact   436

<210> 3110
<211> 121
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 3110
nccgtttacn anttaagaat acaanctggc ctctgnggat ggtatgctga aacaaganga   60

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ccttcattgc ctgctgcctg angatgctgn gntacagccc angatgattt acgnttcttc   120
a   121

<210> 3111
<211> 966
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(966)
<223> n = A,T,C or G

<400> 3111
cccgcccaag aaggacaagt acccatacgg ttatcctgga gatgaattcg gtcctaacag   60
tgtgccacac taccaatgca aggaatgcaa gacaatattc ccaactggcg ccgaaaatgg   120
aacaccatgc acaaagtgcg gctgcgagaa aacagacgaa tcgcctcgtg ttaaacctcg   180
caaggtcgaa cctgaaccag accctgaggt attgaagagt ttacaggcac gactggagaa   240
tttaaaagtg acatagccgg cataagcgaa caggcgccct ctttgccggg cgtcaggggt   300
tgaagagtgg gggtcatttt cctatcattt catacacata cacacaacaa cacatacgac   360
gacattccga agcgagcgag ggacgattac tgggagattt atcacctatt ttgcatgcgc   420
caaaagatcg cccactattt cttcccgcca gcagtctatt tacctatacc tcgatcatat   480
gttgcacggt tcatccattc ttggccacgg cacacaacaa catccgacac gagccctctt   540
ggtttttta cgagatagag gtggcagttt catatcagcc gacgcatacg acatcacgat   600
ctggatcttt taagcgtact ccatgatttt gcattctcag ccatcagtca tttacatgca   660
tttacgaaca aagagttatg attcagggga agtagggtga tgtacaagag ttgggggana   720
tgcgggtttg atttctagag aagtgttgaa ggaaaaaaat tgtgtctcct taaaccaaat   780
acgcattccc tctgtgggaa cgtggctctg ccaaggatgg ataccgcaac ggataggcta   840
cacagtcaat gttttctggc ggcagcgaag aatcgttgtt ctttccattc tcttggttaa   900
ctcaagttct tggggcctgt ttgcgatttt ttcactcnct cntatatatc aatgaaaaaa   960
aattca   966

<210> 3112
<211> 852
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(852)
<223> n = A,T,C or G

<400> 3112
natttacntt gaaaactcct caacgtcgct ganatcagtc ttgcacacca ttcggtcgat   60
atgccgggac cttgagtcgt ggtttcagag cctcccgccc gaactgaagc accgagcgac   120
aacgattccg agttcgtgat gcagcaagac caagatcccc tgacaagcaa tactgtgagg   180
atatttagac tgcaggccat ggctttacag ctcgcctacg ataacataca aattctactt   240
catcggccat tattgcaact tcccttgggg ctatgttccc catcgcatgt tgttcatggt   300
atgcgcagca cggatgcatc gaatgtcaag ggcaagacag cgaacaagcc aaacccgtgt   360
gccgtagaca gtgcaacatt ggcactgagc aaaactcagt gctacaagtc tgcagttcgg   420
acagcttgcc tgaacgcttc aattgttaag gaggcgaggc acactcacgc agcatcctat   480
atcggtatac agttgttcac agctggcatg gttctcagca ttgtggcgct ttcagcaccg   540
ctctcgtcag aggctcagca ggcgaaaagg gctattggcc gcattgtctc tacaacggcc   600
tcgatcggaa acaaaacact cctgtcgacc cagagccaga aaatcctaag ggaattggtt   660
cgcctcattc tagagaagga aatgaattcc atcttcgcgg aaccagtagc ccgtttgat   720
actctaaacc atgaaaagcc gactctccag aatccgaatc agtcggtgcc aagcaaaatg   780
tcccgttcca actcaaggcg aaggctataa cttcngatct gcttcccaaa cagggatggc   840
tactacaac ca   852

<210> 3113

<210> 199
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 3113
ngcgatnacc angaaaagan naccgaccct nggncgcaac catggacnaa aagcnaactg   60
gcaaccaagg gccaccccaa agatnttcaa ctaagggaaa gnaatnactt gnaatgagat   120
tnaatggatg ggatgctttt taaaagccga ttaaagagct tagtatgaat taaatttgac   180
nttaattntt ggttccccc   199

<210> 3114
<211> 158
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 3114
nnccccaaat ctgngaangg cccttgggng aaaaaangcn ggcgggctta naagnaacca   60
tgaaggaatg ggacgnaaac ccaaggggaa aaaggncccc nccgtcaaaa accccaaatc   120
aantcanaaa acgngaaacc cccatntggg gggggaa   158

<210> 3115
<211> 318
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 3115
nctngggagn aacaaaangt ncaggganct gaactnntcc gccgtcagcg acctatcggg   60
actgattnct ggcgcaagcc ataccgttga gcagcccgaa tcgcaggagt ggntttctaa   120
gacagtcatt gaatttttga agacagttta aataagatga tacgtttcca ggtagtacaa   180
anggcggaca gcagatntct tggacaatcg ggagcagctt gattatnaat acatgtgtat   240
gtaggagcca tagtctaagg agcataaagn gacctactaa tttcgtctct tatgctccca   300
gcgatcaatt tttctgat   318

<210> 3116
<211> 105
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 3116
nggaaaaggg ccaaacnacn aagggcaaan gnaaacccct gggggtaaan cnaaatcccn   60

```
aaaaangcta aagttccccn aaaanaacca aaanncgcgc accc                              105


<210> 3117
<211> 149
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G


<400> 3117
ntggccgttn aggcnttaat tttnaggagg gatttattaa aggggtatat accatnattg             60
gcttatggat gtaacnaact atttacgttc tattcatatt taataatgac tnttcccacg            120
ggttttttgg ttttggtnaa aanaaaaat                                              149


<210> 3118
<211> 308
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G


<400> 3118
agaaacaata cttgatccaa attctttgat agtacgatat atgaagggca ttatcgttct             60
taataattta ttattaatat ccaactgctt ctgctggcta aataatcacc gaatnggctt           120
ccgtcagtng atcgattntc caataaaaaa aagttcccct ccttcttcaa ttccatcccc           180
cgntgacgct gccgcttccg ttncgcctcc gaacccgntc tcttngtgcn tcccgttcgc           240
naccgtcgca ttcgcaatta tnacaagccg aggtcgaaca gccaagtttt tnttcaactt           300
ttaatcac                                                                     308


<210> 3119
<211> 162
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G


<400> 3119
nggcaaccg ntgtgtagct gnggcaataa atcgaaatgg nngggtatca tgtgngacan             60
cganccaant actnaccgga atncaanaac ggganantag gggccttagg ggaagngagg           120
ngaattgaag atnagaggct ggantnggga gtnaacggtt aa                              162


<210> 3120
<211> 326
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G
```

<400> 3120

```
ngacggttat gacagcatcc gacatancct tctatctgtt taagttgcgc caatggctag        60
gcctcggcgg aggaatggag gatgagatgg anaanaggat gaaggatgtt gcatcggact       120
ttggcattga acttcngcac gatgtatttg atggctganc tttctcgatg ggggtncggt       180
gatgaatccc actatctcgt gtccactatt gcnacaaaag aaactnccca tgtaagactg       240
taatctanat agatagatga tgaggttcta gttttgcgtt tgccanccac gggcacctag       300
aggaactana taaaatctct ttttgg                                           326
```

<210> 3121
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 3121

```
cagacaattg taacgccgtc aaatcgtgcg taccgactga ccatgtgatg actcttctgc        60
cctgtcttgt ctcatggacc gtcattagtt acggttcatc tgcagctgca gggggcttct       120
tttatcccca gccatctgca tcaggtggcc tagcaccatc acttgttgag cacgaatctg       180
gaagccgggc ttgtatgagt ctagaaacta ggtgcttaat tggagcgcac acaaacgcgg       240
gttgtgtttg cagtaattgg ctgttgtttg cgcttgcgcc tgttccctcg tcatcgctcc       300
cgtcaccttg cttgcatctt gtgcgcctct ctctccccat ctctcccttt tcctctcaca       360
aacacttagc cccaaggacc atgcgtgata gcttcaccca ccaccttgac ttgccatcta       420
gacgctntgn tcaaccatgg gcgagttcaa tctgctncag tggaccatta tcctcatctg       480
acgccggtgc ctgtcctcan tgnccttggc caaaacattt ccaatttacg gntgnatacc       540
caacggngcc gntcgaancg caanctttgn tgaacaagcc acttttntgt ncaggaaaac       600
gagagctttg aacgcgatgt accaaaagtg cancg                                 635
```

<210> 3122
<211> 437
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 3122

```
ngtgcgtnca aaacagngca atnganattg acattgaaca cccccccccc gacttgggtn        60
gggcttggcc tncccctcca tccccntcca accaggctgg atggactcca cttacctcac       120
ctcacctcat ctcatntcac tggagctttn ttatccnaat ncattccacg ctgttaactt       180
ngaaccagcc cacaactccc cggttggcta cgggatcaag tgtccatgtt gctgcgtntg       240
tgtccnattt tcggaggana aagtttaat tttnaaaaag catacagtac agcnctccag       300
tcaaggncta cccagttnag gcctaccagg cgggccaagc tatnaaagtc gtgtgctcag       360
gnntgtctgt atatggcaat aanctacccg tttggaactg caaaacaccg gnggaacatc       420
caccggaaga ncaagaa                                                     437
```

<210> 3123
<211> 214
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

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<400> 3123
naaggcgggg ccanaaccca attcatttcc cncgaaagca cttggntgna tcattgaana   60
ttggttnccg ggaaaccaag gncggcanaa attaaggttt tttttantng ggttgnaacc   120
agggaaantt tcggggaagg cannaacccc caccaagggt ccgangccat ngggnccccct   180
tacatttttt agnccgngtt tttttggccn ggaa   214

<210> 3124
<211> 111
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 3124
nggcaaaaac cccnagcccg anganagggg aaaaaggggn anggcaagaa ggcagcccna   60
agaaccnagg gccggcccng gggggacang aaaaaacccc ganccccccc g   111

<210> 3125
<211> 261
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 3125
nggggggtccc cttaacnggg ccaagccttc ccccttaaan gggtaattaa cccccaaccg   60
aangnattca aggaaggaaa ccggtggggt ggccngccgg ccggacngga ctcaagaanc   120
gggtccttct aagcctgggg cctcgncnat ggccnggtgg cnggattngg aaatggcctt   180
tttntaagcc ntcaaaatcn ggacccaaat anctcgaaaa ncaacccgcc cngccgaaaa   240
aaccgggaac ctaacaaaaa t   261

<210> 3126
<211> 238
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 3126
nttagtcaaa gcaaatnaan atgaacccctt gatatttaac cgtgcttcgn ttaggtggaa   60
gcttgnaagc ctacngangc ctgnccaang gccctattga ngaaccatgt tgctncggaa   120
atnggagaag ccttgnttac ccacncttca aagcaaaagg anaatctttg gccagggatt   180
ttggttgggt gcccctttgg ttggatcccg agaagatttg gangaccgaa agggaatt   238

<210> 3127
<211> 120
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 3127
gttctcaact ctacaggcca tnctgcagnc cacaattact ctaaaacact atnntcaccc   60
ccaccggatt tcacttgtaa cgctgnngtg ccatcgacng accactctgg ncgccnactg   120

<210> 3128
<211> 174
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 3128
ccggggttna aagaaacaat gcgctctcta natgagggta gtgattgggt taaagtcact   60
gctgtggtgg aggagggcgg acgtcgtctt gggtggtcta cgcaagacct aggagcgtgt   120
ggttatgata ttatgagcga cgtaaaaacn aaataatgca tcatccatgg atcc   174

<210> 3129
<211> 484
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 3129
caatgctcag agatatacac atcagcgtcg aattgagcta tgaatcgtct tatacctcca   60
gtcttggccc ggagccaggc attcttcagc cactgtaaca agctgcccac caccagcctt   120
gctattaact catggaccat gacgcgcctt tgctttgttg tcgctaactc gaacgttgct   180
atacgaaaac catttctcga actacccacc gaaactgaat acctatatac cacgtaaaca   240
ttggctatgt ttattgctcg tggctgctgc gcatttgcga caagcgcagc cttgcctttg   300
cattgccagc gcccaacact gctacagctg caagcactaa gacaattgct ttttcttttt   360
ctctaccaga aagttgntgg ctgncactgc tacgccactg natacagagc aaacatcaat   420
ggtgcggctg gttcccgctg gctggctttc tttgncctct catcgcatgc atttgcaatc   480
ggtg   484

<210> 3130
<211> 148
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 3130
nttggggatt agcccgttgg anttatatgt gccncgtccg tntgangata aanaancccl   60
ttnttaactg naaatctgaa ataggcgttg gccaaccatt aaaaggngcn accccggccg   120
tttttgctgc ctgacttgtn tnaaaaaa   148

<210> 3131

<211> 113
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 3131
ngttanagga ggnttttacg gcgaggaacg ctcattgctc ggataatgtt cttcgaaaan   60
gatcgggtgg cgatgacaag gacttggtga cgagggctta caggagacan tgg   113

<210> 3132
<211> 135
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 3132
nctgggctgt atcganatct cgcttgggca caagancatt ctttggacgc cgctnggctc   60
ttnccatttt atagngantg gattcnncgc tataatggct nttacctgtt atanctaact   120
ggggcncggg anggt   135

<210> 3133
<211> 111
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 3133
naacgganat ttttgacncc cccanggccn acgnatggaa atcccctttg gccangcncc   60
tttggttgaa aaaaaaaatt tnccaggnaa cnttacccgg ggggtatttt t   111

<210> 3134
<211> 174
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 3134
nttatcatng gtacttggaa nttngggacc gatttgaaaa agcacangta cctggatata   60
ancatttggn aagnggttgg gggngatttn aatgggatga tgcttaaagc ttcttnccac   120
cncttccttt ggaaaaattc ttaaaaaacc ataaatccat ntgntccacc cctt   174

<210> 3135
<211> 257
<212> DNA

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<210> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

<400> 3135
ngactttgta ggtttaaagg ggttaatgnt ttatgcntga attggaacca atggccccag   60
gncaacnaat tttttgtccc accttnattt ccggttacaa ggcgangntt attttaaaaa   120
ttcccccncc gcaaaacacc catttanccg cgttttttaa ggactgggaa tttccttgga   180
taccacnttt cttttggccg ggattaaccg tttanaaagt ttttaagttc tcaacnttnc   240
ccctgnaaaa aaggtaa   257

<210> 3136
<211> 281
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(281)
<223> n = A,T,C or G

<400> 3136
cttcccgcaa tcattcangg acatttccga tctcctgatc cccgagctac gaaagtagag   60
gactcttctg gaatgactac gctgtgcctg aaggcactta cccgcgagaa cttctacggc   120
attccggggc agaagtaccc attaaaagag catgttgctt cgtcncactt gtggtctgct   180
tctgaagata aataggtata acacgcttaa atatattatt taaagccagn agaaataata   240
gtatatctta tttaagntaa ttattttact taattaattc t   281

<210> 3137
<211> 120
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 3137
ntrntatgtg cccgtccgnt gangataaac anatcttttc tcaactgnaa atctgaatag   60
ncgtttggcc caccatttan agngccaccn cgggcgtttt gctgccctga ctgnctgaaa   120

<210> 3138
<211> 441
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(441)
<223> n = A,T,C or G

<400> 3138
cgcctgccgc ctctctaaac ttatcctagt tgttcgcaac ttttttctct ctctcccctg   60
ctacgttngg atgtcaaatc tttagtgaga ctgacacggn gggcgtctta tcagaacaag   120
accctctttt ctacttttgt cgcaatcctg actccaccan acgccgcgcc gtttgatctg   180
ctctgntttg cgctatcgac cctcgcctcc cattgcatgg aagttccatt ttcctatcct   240

```
tgcttaacct gatcctcgna ggttttggct tttcntgatc tcgnacccc actcaagttt       300
tttagaggnt gtaccgtntc cacaacgtcc cgtcgactcg tgagnggttn gggntgctgc       360
aactcgtcac tcatgcactt gacttggtcg ngaatctaaa taaaacgtcc atctcctcca       420
attaattctn tngcccttcc a                                                 441


<210> 3139
<211> 440
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 3139
cagacacaaa atgaatttgg cgtgaagcaa cacgtctcac gcagcattcg aagtctgttt        60
ttgctttcac gagcgtcagg tatcgatcgc cacgagtttg agaaccttgt tagagctgag       120
ctcgatattc tcggcatggt tgaggatcag gaacaagtgt aatgttgtgt tgaacacgca       180
atcaatgcat ctttctttgg tttatctttt gacccatggg atgaaattgg gaaaaccttt       240
tggggtaatg cattttggta gtctcggcat gcatgcaagg cgtttgtcat taagcatctg       300
gttagaggtc ggtcaagcga ctactttgtt tcgagtctac ttaaggaaat tagataggac       360
atggtcatat gtnctgaaca aggatgtnaa tagcatctca tgagagaatg aaacaatact       420
acattataaa tgttttgatg                                                   440


<210> 3140
<211> 306
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 3140
nccaaccaaa ttcnggtctt tcnntcactt tnaccancca gaacttacgg aaccggnttt        60
cataagccn ttaanatggt accttgnata ttngaccgat ttgaaaaatg cnaanttatt       120
tgatataaca ctggnaaggc gttgggggng catttccaan gggattattt taaaccttcn       180
nccacgaana ctttgaaaaa tttcttaacc tnccttaatt caaaaggtcc nccactaaan       240
aaaanaaaaa aaaattctng gggcaatcng cttctnttta aaggcccnat tccccctnta       300
cggatc                                                                  306


<210> 3141
<211> 348
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 3141
catttacagt ccgaaatgtt atactcangg cgaggggtgc tatgtancc cgatcaggag        60
ggaacgtctg attagatggt ctcgaagacc ccagacuact cgacaagcaa ggagtgactt       120
ggttaccagc tttgtcgggg gcatttggtg cctatatatc gcattctaca actacccccc       180
ggtagtcaga tgggcgtaac atcacgattc aaggaatctt tatctctata agagataaca       240
caatatttat agacgctgat accgagtgca gtggatggga atagtccaaa cagatttgga       300
acagtgtaca ttaacgaatt acgaaagcat tcctacnana aaaaaaaa                    348
```

<210> 3142
<211> 566
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 3142

```
gacccgagcc agcccgtgac accacccaat tcgttggaca ccacgacatc tctctgcgag      60
gacgaccaaa acgaagaaag gtggccaata gcgatatgga gtgacgcaaa tcgttgcttc     120
gattggatgg cctttccaac ttccgtcgtc ttgactacgg acctatccaa actctcataa     180
tggaaggtgg ttgaacttca aaaaccctgc ttggtcgttg aaacagctgg ctacagccga     240
taatatgata tatcgctggg ctttataagt cagancttga tgtttggctc attttgaaac     300
actatggtgc gatgcgaagc cttgggaaaa gcactgactg gacttgttct tgcttagtgg     360
tggaatatca gctactggca tgaattcacc agctgttaat aacccaaggt acgaaacatg     420
tgaccggatc tgcggcgtga cttatgaaag ttgtttatca gaatgtacct gcctgctctg     480
tgcaacttat tagccaccca ngcctatatc aanacagcag cgttgcantc agcttggtta     540
cacaaaaaaa ctcagcagtc ccttcc                                         566
```

<210> 3143
<211> 297
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 3143

```
cgggagctta gcgcgcatat cgatataaag ataggctttc tcaaactcga ctcattgtgg      60
tttcaaaaag caagggcctt cggggtgcgg ggtacnattg cggaatggca tgatggaccg     120
tgggactttg ggtggatnca cgtggggggt gatctactag agacccaaan aagggattgt     180
ggaatgggtt ccaacgttga taaccagttt catatgttta agaaggaaga acaagatgta     240
tagtatagat agtatnggta gggatcgaag gagaactgct gcatagaatc tcatctc       297
```

<210> 3144
<211> 143
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 3144

```
nganggcttg ngcttacnca tctaatccgg agtgnggagc gntaaggtga aantcctctg      50
ntacaagctt tggaacaagt tatnaagana ctaccctggg ganatgcctg gttatttnac     120
caacaaccgg ctatgcngtt gca                                            143
```

<210> 3145
<211> 780
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

<400> 3145
tgactgccca cttgaaatca tcctcgctcc gcgtcctcgg attgctgcaa cttgctacac   60
tattgcctgc aacatgaaac gcttgtcgct ctggctctgc acaaattcgt tcccgcttcc   120
attctggatt aatgctgctt taagtcctct gggatagtca acttcttcaa atctggaatt   180
ttgctacacc ctgctggcca cttggtcatc gtgacaactc ggcattttgg aatacacaaa   240
gcttgcggaa acctttcctc cggaaccata tctcagcatg ccatcaacta tggacaatcc   300
cacttcgtct acaggcgaca ctgngntttt caaaccatcc tgctcctgaa tttctccatg   360
agaactagac catatcgaca ccggaattgg aacttcatca accctatggg ttgacaatgc   420
ctgtacagca ctatggatgg tgcaggagga agaatgggca aggttaaagg gggggattct   480
gcggcttaat ttcaaatctt tgaacttgga tccatggact taatctcttt ggctgttttg   540
ctgnactgtc atttattgtc tcttacgtcg ttcancgaaa attttgcttt tgattggaga   600
tcaacggagt ttaagaggtt gcctatatct tccgttcgat tcgattgttt gaaagaggat   660
tatgaaacta ttnttattgc aaangtttga ttggaataca agagntggtc atgtctttga   720
atgaatgaaa agatttgttc gccatcgagt ganatgaana ataanaatt cctttgagcc   780

<210> 3146
<211> 120
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 3146
ngcatcnctg ctgctctaaa tgttnntggt gggctgnaag attttcacna ttnatgcgac   60
aattttttnc gccntggaat gcccgattta cnnctttaaa atnattggnc gttctgantn   120

<210> 3147
<211> 388
<212> DNA
<213> Fusarium venenatum

<400> 3147
cccaaaagaa atgttctaaa tgaaaagtcc ccaaccacga tcgtcgattg ttcctttttg   60
cacttaccat ctgagaccag aagaacctaa agcacagggg tccgacaatt caacatgatt   120
tccatgacaa taaccgagac tcttgtgtgg atacctcttc gaactttggg ttttgtgatg   180
aggcttttga tgatgtggag gagggatatt tcattagtga acgtttgatg gaggttggag   240
attgccattg atcccgtgtt tacccaagga cgccagagtt cggcggacgg gttttatgag   300
tgatggcaat gggaggtgat cttgttacgc ttccttgaac gggacagggt ctcgcatttt   360
gcacaatagg agtagaaaag gaaaggct   388

<210> 3148
<211> 651
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(651)
<223> n = A,T,C or G

<400> 3148
aaggtttcac gttcatcgaa gggagcgagg tccctgccgg atacaagaac gactatgacc   60

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```
tccatttcaa gtcgtctgtc gaactccatc cgcatttcga gcaagcttcc aacacatccc    120
atctcccaac ggcaaccgcc aaagaagcgg cccgccgcat gtacggccaa cgattgctgt    180
atgacaggac tcctgcacac gaactcgtat tgaacgctag aatcgtaggc gtttcgtggc    240
cgccaaagta cttgggcgag tggcaatgg gatttcatga cggcatccaa gccagtgttc     300
caaccgagat cttgagactg gatccgccgc acccgaacaa gtcaaggtcg atggaacaag    360
tccggtgcaa gctactgcaa agtggaagtt caaccacaag gacaaggtca agggtgactg    420
gcttaagttc gagaaagacg aaatcattac caacatcggc tggccttatc aagaattttt    480
ggtgctggtc aggcacaaat gccaaangca agacaggaat tttccccagc gtttattgac    540
gcagcaacgc tacgcgactt tggcaagtcc ggctcggata gggcgaagta tcgtgagtaa    600
tgaacgaaac aagnccttgg ctggtttggc ttcgggttac atctcgcaag n             651
```

<210> 3149
<211> 125
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 3149
```
naaaaggccc gaacngatng ccctttcaan agtggcccag cttttacntn ccgggaagtt     60
aaaggttnca cttntaaaaa naaaaacccg ttattcgcct gnttngtggg atgacncaag    120
cgatt                                                                125
```

<210> 3150
<211> 176
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 3150
```
aagacaaagt tcatgattct cattgaattg ttttgataaa aggaagcaag caaaaaatag     60
attgtcatac atccagaaag aatagtggta agcctatcca aagggagccc ttctttacta    120
gaatgcctac ccaagaaagt aaccaagtgg ngattnatgt nctggcaaga ctttct        176
```

<210> 3151
<211> 396
<212> DNA
<213> Fusarium venenatum

<400> 3151
```
attttttttt tttttttttt tttattggat tcgattgcga gcgctagcat ttagtttcat     60
gtttgggaga taaactttgt taaactgaag aagaaaatta ttgatttcac atataaagac    120
tgcatgacat cacactgtga tatttccgac atgtgattca agcacctata actggcatct    180
caccatccaa catcatatcc ccatcaacaa gggagatact gaagatatcg acaccctcgg    240
caaacccacc aaagccagta aagtcaaaca tatctccaga aagtgcccaa tcttcctgac    300
tcgtattgtg tgctgccgac gttggacttc caggtcttgt cggggttgac aacgacgtgt    360
agtcgacgct ctgccacagc gccttgacat ctccag                             396
```

<210> 3152
<211> 210
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(210)
<223> n = A,T,C or G

<400> 3152
ncgattttcc gagcngaagg cttcangaac ttcatctcct tagatctgcg ncntgatgtg   60
cncaaggacn acataacctn gcctttaccc accaagctca acttcctgga cctcatncct   120
ctcaaganga agtccatgtg aagcttganc tctgngcgat atcgaccccg ngagagcang   180
ataancacct tncaanaacg ttgaaattaa   210

<210> 3153
<211> 565
<212> DNA
<213> Fusarium venenatum

<400> 3153
gtttcaacaa aattacagaa gtaatcttct ttaaattaaa tctttggata aataactata   60
gcggtctcac ttgaaactcg ctcccccagt tcccatcaaa ctttcttacc ttgtagagtt   120
caatttctgc tgtcaggttt ccccaactgc acgaacaaga atccctttc attcttcata   180
agtcagagct ttttttcaac gcgtccgatg ataaacaagg tcggtgtgtc gaacgcttat   240
ttcatggtac caacctctcc tcgccccgaa accacttaag ctgccccgaa aggtagaggg   300
tttcgaggtc cggagaggag gcactacata gaccgtcaag tggttcaagt ctcgcttcga   360
tggtattgtc cgataaacgg ttgaaaagga aaatggttat ttgaatttac ggactggtca   420
cggcgaacat tagggggaaa actcacatgg ggcttgtatt ttctggtgcc attgctgcat   480
cagctcgact cttttagtcg agccacggcc tgagagaccg acccggcact ctgccggctt   540
tccgatattc actcactctt gaatg   565

<210> 3154
<211> 204
<212> DNA
<213> Fusarium venenatum

<400> 3154
ggctgcgcca ccggtgtccg agaacaccaa gcctgctgag gctgagaaag atgttgcacc   60
aaagacggat aacaagggac cacaagagct caaggaagtc aaagagggtc cctgcggcct   120
gcccgccaag tgtgttgttc aatagatgaa ttcaacgata atgcaatgcg atgcttagaa   180
tcaatacaaa catgttaatc attc   204

<210> 3155
<211> 546
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 3155
caccttttct cattgcgtac cagccaagac ttaggtatag ttactctcat tgacaaaaca   60
cacctcttg gtttcatagn actcattctc attcttctta gtcgactgaa tattaacaat   120
cactaagcaa tattacttct ggggactcta tcgtccatna tgccttttcg ccntnaaagt   180
cgtcggcccg daccccggcc ccgaggccct ttatccgttt aatatggaag gcaaggtcat   240
tttggtttcg ggacgcggtt ccaaaagagc ttgggaatcc ntaccgcaa cttcccgtc   300
natnaaactn tgaccttng gatctnaaan tgggattang gcggtttact ttggnttttg   360
cctttttttcg ccttcctttt tgagcatccc aaangctctt ttatnagngt aatccaacgc   420
tgttccccaa aanggcccan aggaccctnt tnttttantt gggactcccg taaccccca   480
ttccanaatt tccccanggg ttatggntat tgggtacaat ccctttaca aaaacaangg   540
nncgta   546

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<210> 3156
<211> 246
<212> DNA
<213> Fusarium venenatum

<400> 3156
cgcgtgctaa atagcactgc gccgaacaga actggagtac aggagtatct gggaaaacgc   60
aagccgtgct cgaatcgcga aagaaccctt gttgtcgcgc ataagacagg atatcaagca   120
tagcgtgcag attttagtgc gggagcttgt atagtacaac caggactacg agcctacgat   180
cgttatataa gacactttaa tgccttggtt cgactggctt tgaggctggt caatcatttc   240
gcttct   246

<210> 3157
<211> 200
<212> DNA
<213> Fusarium venenatum

<400> 3157
gaagactttg ctagagtcgc ggcccgtcaa ctgattcatc caccccacgc acgtcgaagc   60
acctcgtcca agcgaatttc tttcctgtta tgataccata ttctttccat agaagagtgg   120
ccagccgcct gcccatgccc agcgcgacgc cctagtctaa atcggcaccc ccttggaagt   180
tccaagtggg agaattaaag   200

<210> 3158
<211> 117
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 3158
ngaacggnta taacatgctt cccentcagt tnccctttgg nggggtacaa aaaanaccgg   60
aatttgnaca aaaacttcgg gnaaggcagc cttcgccatc ttacnccana acaaggt   117

<210> 3159
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 3159
caaccccctc gctgtgtcca acccgcaaaa ctcagccttc agcactgcaa tgtcacctat   60
gagcccgcc aacatgaccg ccttttctca tnacgggcac acacqgacct tcttcccqcc   120
cgaattactg gctatgaact ttggctcggg ctcaaatggc aacattgacc ctcttgatcg   180
tcaacttgtt tttggtggat attcggtgga tgttggtacc ggtctaggca gtggtcacga   240
tatgatgact ggtatgagct gggatgcagt tgccccaagt actcaaccag aggaagactt   300
gcaaggccgg ngatctaata tcaaancang catgaatggc acacgagctt ggcatggccg   360
atngagcagg actatttnga cctgaagcat catctgctgg ntcatgccat tcaacatgga   420
gnccccggag atgggccaga tncttggntt aacatgggcg g   461

<210> 3160
<211> 248

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 3160
ngggcaattt taaanaaagt ttggaaaaac ccggtttttt cttaccaaga aaaggccacc   60
gagctnanta aatttggatg ttaaaggana aaaaccttgc aaggaaaaag attcnttgga   120
aacccagtca aagnttttgg aanggnttaa gttcatgggg gagcttgaac canantttgg   180
ggggccttat tccgtttaaa cggttggggt anaacaagaa accaacaaca gggctttaaa   240
gaagcaaa   248

<210> 3161
<211> 423
<212> DNA
<213> Fusarium venenatum

<400> 3161
aacacattct actttttgta tcacataaat ctcttgatat caacgccaag atggagcctt   60
ttgtcaacta caaccacaac acttgcccca agtgcagcgc caccatcgag ggtgacggca   120
aaacctgcgg tagctgcggt gctcactgcc ccgtctaaat ttccaacgga gaaattcaac   180
aatatgatga gacaagacga gacgagttga gatatttggt gttagggatg catacaatgg   240
agtgtggttg gcgatgttgt gcgaggccgc tttttgaaag cgtcactctt ttttatttgg   300
gcggcggttg atggtttaac ctatttgcgt tgggtggtat tgtgtaacaa agattaaact   360
cgctctttta ttcgattgct tatcatgagg aaacaagact gattctcgcc taaaaaaaaa   420
aaa   423

<210> 3162
<211> 347
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 3162
atccttnttg ggatggaggt ttatgatagg gggcttttta ctnatcacaa aggtatggtn   60
gattattgaa acaataccag ctcggaatcc ttagtaacat cggccaattc aagtgtcaac   120
tactcggcca gcaactacaa cttatctggc ggtctaccta ttggtaccaa tggtcatatg   180
tnacgcgcct gagtcnacct accctgccgc tccctcgttg gtgcccgncc accttcanga   240
tcgtatggca agcagttgga catgcctcat acaangcacc aactntttna attngtggga   300
gaaccgngag cgatactngc ctacccattt ctgtggacga catcttc   347

<210> 3163
<211> 155
<212> DNA
<213> Fusarium venenatum

<400> 3163
cgaatctttg aacgcacatt gcgcccgcca gtattctggc gggcatgcct gttcgagcgt   50
catttcaacc ctcaagccca gcttggtgtt gggagctgtt ttagttaaca ctccccaaat   120
tgattggcgg tcacgtcgag cttccatagc gtagt   155

<210> 3164
<211> 113

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 3164
nggatttagg gaaaatcccc gctnaangga attttgttnc tccgggatnc attgttnatg   60
gngaanccca gcttaagntt gaacctggnt tttaanaggg cccaattnca ccc   113

<210> 3165
<211> 440
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 3165
gcggttctgt cctgcgatag cttttctgaa gttgaccttt cttcgccgat gttcgggatg   60
gattcgcatc tcaacgacat cgattcagtt cagtttgcgt tctcaaatcc tccggtaccg   120
tttcttgatc ttcccaccgt ctcggatgat gtctccaaga tggcatcgct cactggttca   180
ccagtcaccg tagccgctct atagagccgt aggttcagcg tgcgaccaga cgaacgatac   240
cattcttgac tcatcatctg cggcgttggg aaacgacnga atatcagctg catttgttga   300
tgtcgttgct tnagatttca agttcatctc tgccgacaac tccgccggca acaactcagc   360
ttcgatataa cccagcattc agacgttcaa agaaatnctg ccnttcgtct gaaaaacaac   420
nagtttnttg agcatggaaa   440

<210> 3166
<211> 636
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(636)
<223> n = A,T,C or G

<400> 3166
nccaccccca gtgccncttc aacnntgaac ccaatggana tgatgacccn tnagtctttn   60
acngacganc aaatccttna tccttcttat atcagncnag aggaggacat gtcaacncca   120
tcatcatntc tgccctgaga agagacaacn aagaagcgaa gtcgngggac aagtcttccg   180
acccaagacn atttctctng aaaacgacaa agactggatg actaaaaaga gngcgccgtt   240
tgagcgcttc tttnaatngc cgcgctgttt agncttntcg tgaaccaaga aacaagaggc   300
gangctntcg gaaagagaat gagggaactt ggacaagcc ggatggcgg gcgaacaagc   360
nagcttaac tcatgatgga cttgngccat ccgacggtnt ggagncggtt tatacttccc   420
cttnggtttg ggactttttt cgagtcaatc tttaatatta caggagcttt ttancttcca   480
gacacgcncg aaactatnga cgcattagng gnttcaaaca acaacgggga tcccnaagaa   540
tntttcctgtt ttgcaccaag ggttgatgnt ntgaaaaatt gcccccaaaa ccattnaatg   600
aggcaancc ggactgatgn aagactttc gactga   636

<210> 3167
<211> 175
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 3167
ntggtnaatn aataactacc aacactggat ttccccttgn taaaagcgct gngcatataa   60
aaaatgnctg attttattgg cntttattgg cactaccccc gaattcatac tctggggctt   120
tacangtttt ttggagctnt natacggcta aaccaataca ccaccattta tcacc   175

<210> 3168
<211> 222
<212> DNA
<213> Fusarium venenatum

<400> 3168
aacgaaactg gcgagtccag tggtaatgcc tttagcgggc agcaagactt tggaggtcag   60
gacccaggtt tccaacaggc catgaacgcc cgcgtcgtgg agaacatcta gatgctctcc   120
cctcgtgcct tccaatcttg aggtgatggt cggctaacgc ttgagggttt cccgtttcgg   180
gatttagcct ggtctacttg atttcgaaag caacttcgac tg   222

<210> 3169
<211> 153
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 3169
ncnttgaccg atantgggga cgggaancaa ggtttccttg tttttancag tanaactttt   60
attttcgttc ncnacctttt ntngttcggc cnagcttttt nggattnttt tctaaaaaac   120
nnggccttaa cttgcggtna aatgaaggga ttc   153

<210> 3170
<211> 404
<212> DNA
<213> Fusarium venenatum

<400> 3170
tttccgcttg tcatgcttgt tctgttcgtt gatatgaccg cagccgtcat acgcatatct   60
ggggagaat ggacaacagc tgcaaagatt tctttacttg ccacccatct ggctctgata   120
tcccaagtct tgacgacaga tacaaacagg atgaggctgt aggacgctca aagcacaacc   180
atcgcacttt ttacgaccga caggagattc taccctacac ttggacaatg cacgatgaca   240
atcagagaca atgtcggtga aatgcctagt gatggatggt cgggtgtctt gattggctac   300
gtatgcttag ttatttatga ggcggcttag ttgccgctat tccgcttcgt catgagtgga   360
aaaagtcgaa gccatgttaa tcaatctagc tcgatctaga gact   404

<210> 3171
<211> 339
<212> DNA
<213> Fusarium venenatum

<400> 3171
ctgtaagcaa actttgttag tcgtcgattt ctgacaaaca cttctaaatt tttcttttct   60
tttgaatgca tgcgaatgcg aatgtccaca agggctgagc gcttgcccaa accttagtaa   120
ccgttgaact cgtatgcaag ggatatgtaa gtcatcgtgg ctgaagctga aaaggagtgc   180
gatctaccga gaaagctggt catgtcatat ggccagatcc aatcttgaaa ggatcgtgag   240

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gcgttcagtc acctcatccc gtctcacaca tccctcccta gatttagaaa ccccgcaaga   300
gcattttaga tccaacatgt ctcatggttt gatctatcg   339

<210> 3172
<211> 288
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 3172
ccacaagatt acgaagaaaa gcggtttagg atttggacag ttataggcgc cacgcagtcg   60
tacaatgcat ggagcgagca attgcgtttg ataccgattc tgttttttagg aagttgcaat   120
ttggcgattc gcatcgnggg cgttgtcact atgaccaaaa ctggggcttc gctggcatca   180
gctgggaagg atacggtctt tggagttgga agtccaagac gagtgtatga tggcaagagc   240
taatagtaca tagaaataga cgagtgatat ctcactaaan aaaaaaaa   288

<210> 3173
<211> 338
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 3173
ncacagtgtn ttcantcaac acacctacgc ttactacaca gggacaaacg ccananggcc   60
agcaagnggn catggatgag gaccttncag gnatgcctat gggtggtnac acgaacgata   120
ttggcnatat gggatttggc ggaaaccana ccaataatga tnctaacttt tgcataaacg   180
acctggaaag naccttttga gcttgacggc ttcctcaaac gtgtatccag gcgcattgcn   240
acactgggta ttttannaatc ttaattaaag atccnagacc acaaggcatt aatgcancgt   300
tacaaggatg atgatcttga gannacaagc cttcagtg   338

<210> 3174
<211> 186
<212> DNA
<213> Fusarium venenatum

<400> 3174
ttcattggtg ttggggaagg gaaacgaaaa tcagaatgat gatggtgttc tttttatttt   50
gcaacctgct tgcacttgac ggcagtgaat gggcgattcc tggtggcaca gcaaggtagc   120
tcttagacgg tagataaaaa tgcgaattaa aaggtcttcg gtctaatatc aagtctgatt   180
atccct   186

<210> 3175
<211> 407
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 3175

```
ngagggcttc ctcaagtcac tctggcatac tctgaccaac caccccgctc accaaaagcc      60
gaatgaagat ggaagtcaga atgacggctc taccaagaag cctgacgaca acgataagaa     120
ataaaagata tttcgctcat gaattgtatc atatgcttgg gagaattatc aacatagagg     180
aacggaagaa gcgcatttgt tggtgttcaa aaggttggta ttatttgttg tatggcgtcg     240
gtggagggtt acgatagccc aactactact cacgtcgatc tgccacagcg tcagatctgt     300
tgtatctaat nctgnagtat agaaagaang ggctangaaa ccccangagg ncactttctc     360
ataggtttgg naggtaaaaa tcactatacg gacatacaca tggaaaa                   407
```

<210> 3176
<211> 224
<212> DNA
<213> Fusarium venenatum

<400> 3176
```
aagtcccgct tcaagcgtgg aggcttgatc caccaggtcc gcgtcggggt ttaaaagtag      60
ccccgagttg acttcagcca tgaatgagat gatgtcccag ggaaagatgc gatccctttt     120
ttgtaaataa gcaggagttt ctgggttgct agtcactaaa caaagtatgt aaatttttat     180
tgcatttatg tcaggtgacc aatttggtca cggcaatatt tgac                      224
```

<210> 3177
<211> 240
<212> DNA
<213> Fusarium venenatum

<400> 3177
```
gcgaatgctg gcggagttct gaagactgag gaggtcaggg ttcaacacga gcgcctgagc      60
accttcagcg acgaaaactc gatagagttg aggaacttgc cgcaagctca ggtcaaaggt     120
ggttatcaaa gccatgatcg agcaccttct ttctaaaaca aaaatccttt tttctcccat     180
tcatattatt tactatgtat ttatgatacc ctcttacaac agacaacatc catttgcttg     240
```

<210> 3178
<211> 174
<212> DNA
<213> Fusarium venenatum

<400> 3178
```
tgcactgcgt tgtataagga cggagatgtc aaacagggga acctggttta tacaattctg      60
aacaaatcag tagttgtttt ctagtgcatc aaacgcagca gatacaatat caagtatgga     120
gttggtttcc gatttgaaat aaggaagcca gcgggccact cgttgagaat ctcg           174
```

<210> 3179
<211> 534
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

<400> 3179
```
tgttgatatt ccaacggnna tctcgtctgt tttcccatcc attaggacaa ttttcggttt      60
ctctctctac ttttcttggc tcttattact tgaccctctc gcaaccaatc ccaacgttgc     120
atttacccac tggacctgaa cgaagcgacg atccatccag tcacccatgc agctgcagag     180
aactgagacc aacaggctat tccatcacct gcagttcttc gactctccct ctttgatcaa     240
cttgattatt tggttcattc ttcatttttg ctataacctt tgctttggtt ggtcttcatc     300
tattggcgcg tgaaattcgc tcttttgcga gtttattctt caaatactgn ttcgtatcgg     360
caattttggg cgggccctaa atacgtgaca cacacccatt ttgcgggcng gtttgcatca     420
atcaaccatt tcccaacgaa tttgaggttc gctatatttg gcttggttgg ncattggaaa     480
taaaagcttt ctgancattt aatntcaatc atccttggt ngggntttcg acca           534
```

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<210> 3180
<211> 256
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 3180
ntggggtgga tactttcaag ctgtgatgta ccagatctat caattcaacc cctatganca   60
caaacaagga actttcatcg gcctcatntt atactttaat cngaacgctt ggncattact   120
nttcctcgcg gggacaagtt tgannctcgg aggatantta agggtataat gggtcctgca   180
ngntggctca aagannttaa aggttttcaa ccaagnnctg gggtcttaaa gaacatgcct   240
cttgggttat aacggt   256

<210> 3181
<211> 322
<212> DNA
<213> Fusarium venenatum

<400> 3181
cctatcttgt cttctaaacg ttgtccaatc ggcgtcgagc cagctacagg tcgatggtat   60
cagattatat tgactatgat gatcgtccag gtcgtcacgt aaaaccggcg ttaggatttt   120
tttcgttcat atattgcaag ccccgcgatt tgtgagaggt tagaacctca ctattgcgtg   180
cagaaactgc ctggcatggc atcttccatt ttgttgtctg tgggtttggg ttacggacca   240
tgtttagata aataacttgc gtctcgtttg gagtttcggg ctggtagatg tttttaaaga   300
tatgaattga tctttcttca cg   322

<210> 3182
<211> 402
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 3182
ngngcctcga tntcgccggg ctcccaaggg tattatcggc tccacctatg acgctcttac   60
ctcttctgag aacgccgctg tcgtccgcag catcgctatc tttggttttg cagtgacatt   120
cctgtccagc ttttggggc gagatccttc tgcttcccca gtnaaatgac gctgtaacga   180
tacccgaccc aaagaaactg cgtggggaat gggaagaaaa tcagttcaag gggtangaat   240
gcgccnatat ccgcctccct ntgtgcatta tttaatcgaa tacttggaca ttagttggag   300
tcagtggacc gtttaaacaa ggaagggatt tcaaaagcta gnctgtgnct gtncaanggc   360
attatgatac cngctgnata gaaatcgaca tgatcaattc tt   402

<210> 3183
<211> 139
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 3183
ntgggggggcc gttngagcca tngcattaag aagggccaaa ttnggcctta tagggangnc   60
gtattacaat tcantgggcc gncgattnaa cnacggnatg gactggggna aacccttggc   120
ggttcccaan ntaattggc   139

<210> 3184
<211> 203
<212> DNA
<213> Fusarium venenatum

<400> 3184
tgttcttat gcctgactta gcgcgagact ggcaagttgc agaaatgctc cttgaatctg   60
gaaccgatgg cggtgggcca atgttatgga cagggatgtc acaaatgggg ggatatccat   120
gagaaatgcc tcaataaagt ccaaggtttg cataggaata gttcaaagtc atagataact   180
ataaaaagca ccaaactgac tac   203

<210> 3185
<211> 168
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 3185
naacctttact ncggagttaa aggttaccct attaaaaaaa aacccntttc gnttgtttgg   60
ggtntncaaa gggtntnttg cccccccggg ccaccggang ggatccctng gcaggcncct   120
ttggtntaaa aaaaaanttc cggaatttac ccgggggggct tttggggga   168

<210> 3186
<211> 127
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 3186
naagccgaac ttgtantggg ttgtgnaggg tntttaaaga aggnnggcaa acagancna   60
gtaaacancg tnttgaangg acccggtttt tccatggngg anatttcaaa gatttnacna   120
cacatgg   127

<210> 3187
<211> 538
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

<400> 3187
ngctcttgtt gcattgactc ttttcctccc actccctgcc aaatttggcg aggatgatca   60
tacaacacct gccgaagccg tgtcttatag tttctatgta gtcgctgttg tcgcactggt   120
tgtgtcttg tttgtagcaa tcgggctgcg aaacatcaag ggtgaagaag gcaagggttt   180

```
taggggttctc tttgggctta aagatgagaa cgaatcgact agatcagacg gaaatggtca    240
ccaacggaaa ctggcacctt atctacatnt tatgaaggat tcagcttcct tggctttgtc    300
gattctcgaa tcggtctcgg atatgttggt ggctttgncg ctagagcttc nagcgttgcc    360
atttactttt catccctctc tttggcaaca catattacat tagcaacggn ttctgcaaag    420
gctacctcac gactctttgc tgagctnaaa ggaggagtgc aaaaacgntt acattctctc    480
gtcatcttga ctgggggttg cgcaagttna tgggncttta tcttgngccg cctatctt      538
```

<210> 3188
<211> 599
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G

<400> 3188
```
aatttttttt tttttttttt aattgtacat gtaggtgtga attggtgatg gtgcggtagt     60
ttacagtggt ataatacaat atgtataaca aatggccctt ctttatgaag tcttttccgt    120
gtccgttgcc tcgtccataa ttttgagttg tccaagaaac cactcgttct tgaatctgac    180
caaaccattt atttcttttt gttcaacatg gcctgaatat catccacgcc cttacccttc    240
tcccggcacc accctcaggc gcgaagctcg ttgtgaccgt catcttctgg gcaccctgcg    300
ctctnaattc atcaagcgtc gcttnttctg gatatcggct actcccactg cttgaagtac    360
ttgacccaag cagcagcgca atccgttcaa agtctaccgc tctgcggacc aagggtggaa    420
gcgacggacc actcttncac ttanacnaac gaagccatcg tattggttgg tggnggtaac    480
aaaatcaaag agtgngggga ttganaatca ggggctttat aggccctgac taacatggta    540
cnatactgca tcgggtttgg ctgnaaactg aanaacctgn ctaacanatc gtaattctg     599
```

<210> 3189
<211> 622
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 3189
```
ntccaacacg accatcatca acgtcgacac cacccccaa ctgggccgtc ttcattccta     50
ttgtgactgt cgctgtcttt tgcgctaccg ctcaatataa taatacttct tcaccagcgt    120
cgcggttctt tctcatcgta caacccgtct actgctccaa ttcgcttctc gcttgcgtgc    180
tatcacttat catattctcg ctttcgcctg tctttcccct cacaaattaa actctcgact    240
cgagcgcttg cttgctcgcg cgcacttaat actccagtcg gaaaataatg cgcgactcct    300
cataatttaa tcaacatggc ttcccctcgc cgggcacaac cctcgctttc tgtcgcatgc    360
cttccaacca acctaccgat cgtcctccca tcgatgccct ctttctcatt cacttcgacg    420
tcaaggntgg atacacaatt ctttggaaac aaaatgcacc aagcatttga cctagaaggt    480
cttggtgagt acaagtncct ttcttntgga ctacacaccg nctttgaag acctcatcta    540
ctttgtncac gatagtgnac atggccggga cttangcgct tttcgtcaac atggcttgng    600
gacganggaa naaggcaccn aa                                              622
```

<210> 3190
<211> 718
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(718)

<223> n = A,T,C or G

<400> 3190
agccagtgga agcgatacca aggtgcctgc tgagcaacct ggccgacaaa ctggaaactg   60
ctgaantggt tgactgctca acaacaacaa tctcacaatc gatatcaacc ccgcgatccc   120
agccaccgac gaccattgcc ttaaagctgc gcgcattcat tgcgactctt ttattggcac   180
tgcgaaaact tgtgtgcgca tgtgtattgt tacttgatga cgccaccacc agtcattacc   240
acttcaccat ggggaccgac tatataatac ccacacccat ggttcactac gaatttaaaa   300
ccgaatactc gatgaaantt cacgggcatc aaaccacacg aactctccat gataccatcc   360
tttcgatgat cttacggcca caaaccaaat attcccttca tgtctaatac tatacatctt   420
tgacagccat agcatagact ccggcgttga accattttcc aagggcggca gcccgcatca   480
tctaccatat caaatcaatc tgtctttttt tttttacttt cttttgttta ttctctttgt   540
ataggggcg cataacggtg gccagcaggg acgggttggt ccttttgctc cggggcgttt   600
ggatgtgttt tctttaaagg ctttcatgag cgagtatgag gccaggcaaa agagatggtt   660
cagatcagtg gatgaataag ataggataaa tcaatgccac aggcagtnct ttctttnc   718

<210> 3191
<211> 198
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G

<400> 3191
ataaaggaga atcgtgaccg gctgcttgat atggtgaagg aacatattgg caacgtcagg   60
cggggcggcc tcggggtatc agaaacatta accgctggaa gcataagaga caagattaat   120
aggtcagttt atgctgctta gactaaagtt cttagactac ttatttttat ccccaagaaa   180
aaaaatanna tataaaaa   198

<210> 3192
<211> 268
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 3192
ctctgcagtn ctatcgagca gctggaaggt cctatggccc agatgaccat tggtggacaa   60
gagggccagg aggtcatgca caaggttgat atcaagaatc ccgatggtac cgagtcgagc   120
atgtacctcc agattgatac catgtctggg gaattcctnc ccttccggcc tcccctctg   180
ccacaagccc aggctgctgg cgagccagag agtgctgttg cggaagcgga agccgtggag   240
gacgttnccc agcaccgtgt ctacaagg   268

<210> 3193
<211> 242
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(242)
<223> n = A,T,C or G

<400> 3193

```
ngtaagcgtg tncaantgag gctgaattcg ggcagacgnt ngcaatgtac ntataccaan      60
gtttaattga atgaagggaa aggctaccac ttttaccttа actgtngaag cggttctggc     120
tanctctaat cttacntgtg caatgtaagg tntaatacng ggaccttttt tgttaacacn     180
gtncgagttt tgtttgnctc ccangnggat aaangatatt ggcttaaaan aaaaacccgg     240
ag                                                                    242


<210> 3194
<211> 685
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G

<400> 3194
gagacttaca ccgttccctt ttactttgtc cttcccacta ccctcggtac agaggcttgc      60
tcacataacg tcatatggca agaaacacgc gaaatgcact cgcatcttcc acccagtgtc     120
accggctggg aaagtgatgc gatgatccca aggggtgtgc gcgttgacta cggcgttatt     180
gcccaggtct gggactcggc caaccctgag tatgctaaga tggaggccaa agagaccgtt     240
cagttcttgc caggtcatat ccaacactca catctgaaga tccctacaaa aaatagaaat     300
tttaaagttc gggtcgtcta aaacatctca aatccggtgt ctttggtcgc tcttggggtg     360
aaatcacgtt aaacgccgac caacccactg caatcgttct cgactccagt ggaaagagtt     420
ttcatcctac aacggtggta acgtctctca gattgaagtt gtgcaatcat aagactagcc     480
tgccgcaaat atgcagtgta tctgcaaaga tcgagtcaga aacatggtca caggacgagc     540
ccatgcaaca gctgcctcac atcgtcaacg cgagagactg ntacaatagc tccgagactc     600
tgctgaagaa gacggaaatt ggattgagct gggagaaaaa ctcaccaaag cagacagaca     660
atgttgtcac tgagactccc gagac                                          685


<210> 3195
<211> 253
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 3195
attgagtnga caccccancaa natgctnaac aggtcagtca tgccggcctt cagnccnttt      50
gcnaattngc gagtgtccct tgcaaaccct gcgcnncaat accgacgctt cagngcaact     120
cctacccgat gcttgagtgc cnacttcgca ganaccnatg aacccngagt tgaacaaaat     180
tcttatcgat gntcaggata agatcatcct tccagcatac ctgcccgnga cacagaggaa     240
gattgtntat gac                                                        253


<210> 3196
<211> 182
<212> DNA
<213> Fusarium venenatum

<400> 3196
tcaatccacc tttacctcaa ctgcctaaca gagatcttac aacctcaaca ctaaattatt      60
gatcgcgagc cgtccatgtg cgtcgcgttc cgcagtcgat gtcaagccct ggataactac     120
acctaaactg caataaacga aacgccatgg accagtccat cattcgcatc tccaaggaac     180
tt                                                                    182


<210> 3197
<211> 225
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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 3197
nataatctng cgcaccatat gnatgctaca agaagacaaa agcacttaac gctcgcactt   60
gattgaaagg caatctcgcc gcgactgact ngttgattct tctgcgggat gtgcgataga   120
tatatnccat cgcatccgaa ttggacaaca ggcncttagg ccgagnttca acatattatc   180
atacagcgta cagacacgct gcagatgctt ganaagntat gatcc   225

<210> 3198
<211> 188
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 3198
cctggtaacn cggcctntac tggtagcagc agtggtgtgg ataanggcgg tncnttgcca   60
nactcgtggc ggactcgtgg ccgaggtcag cgactangct gaaacaagtn cttantcaat   120
actctattan ncacttgcag catgtgtaca ataagataga agaataatta tcgctatata   180
cccttgaa   188

<210> 3199
<211> 159
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 3199
aacaaancac atcttgggcc tttcggtttc aaaggcaata gaacttttgg tctccaaaaa   60
tccgccgaaa tggcgattcg gatgtcgagt atgagacatt gctcatcgga tatgaactca   120
agcttgcgct attccaggcc tccatcgatt acggcaaga   159

<210> 3200
<211> 262
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 3200
aaagacatag gaggtggaga agagctggga agattgagca aagaacgatc cttgaaggac   60
acggaacggt atgccaacgt cgatttgtcc actaaagcat gggtcaggtt gctctcagta   120
tgctctgtag cttggagcat catcgtctaa gagttcaggc atgtatgtaa atggcgtttt   180
tggtgcgttg gagttggact gaactgcatt cggggcgttg ngagcgtcca ggaagtcccc   240

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gagaacgtta gcttatgaaa aa   262

<210> 3201
<211> 350
<212> DNA
<213> Fusarium venenatum

<400> 3201
catctcggtg ctaagccctg aatggcttag atgcgcccgt ggatttggac ttgcatctta   60
gatagttaat tggcaatcac ggtgaagcgt ccttttttcga actgccagac cgcttctctt   120
gggtcccgtt ccccatcgac cccgtcttgg attgacaact gttaagttga ccatgagacg   180
gtaatagtct agatagtctt gactccccga tctacagggg agaagggcca ttgaacaaca   240
atcaactcaa atggaatacc agggacccctt ggaggaattc taactgttat atcggcatgg   300
aataggtag ccgagacagt tgttgaatgg atatacggag ttacggttta   350

<210> 3202
<211> 119
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 3202
naaatcgntg tttataccan ggtntttaca agcntnccca cttaggaccc cgctgggtnt   60
aacntcccac tagnccgaaa ctggggcgnt ncttttcat tttttgcgtt ttgggggat   119

<210> 3203
<211> 162
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 3203
ncacggngag agggaattng tacatgaatg gntccggctg cttggtgntt ttttaccaaa   60
nccnggcgcc ggntgaacgg tttcccnaac acttaaacct tgtntcggan acaagctatt   120
tggcaccaaa ttacccattn gctggangtt nggacthtcc gc   162

<210> 3204
<211> 232
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 3204
cattcctagg atcgtgtcta tcaacgctga aatgctcgat gtcgagattg aagtacgacg   60
agctcgaaaa cgtcgtgcca aagcagagat ggcagagaga aagtcaggtc aagccacaac   120
ggacactcag ttacaaagtc cagcacttga ggcatcatga tggtactgtt atttctctna   180
gaaatggaaa cagataaaat tctcgaaaaa tagaatcatt ctagatgtcc cc   232

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<210> 3205
<211> 482
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G

<400> 3205
acctactctt ctctcctcat aatcatcaca cacctttcat ccatcaacat gaagttcagc   60
atcctcgcta ccttcgctgc tcttgtcagc agctctgctg ctgctaacca ggctgttgtc   120
atcaacaact gtcccaccac gatctatgtt caatctttcc cttataatgg cgcggctcca   180
ggcgctctga ctgccctgaa gccaggacag aagttcgccg agaacatgcg tgcatccggc   240
tngantgtca agattgctac tagtaggact ctactnaggc ctntnttttt nggatacttt   300
tnaacctcca agcccaactn tgtntactnt gagtttancn cttgaanggg ggaacccttt   360
tngccaaaaa gcaaaanatt cttaaccctg gttnnggttn gaaaaaaatt tnactggccg   420
tgcnttgaan aggctggtgc ttanaaancc ccctntaaaa gnaaaaaant tttttggggg   480
cc   482

<210> 3206
<211> 275
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 3206
naaggntggg acacaagagg atgaatttgt tgaaatgaga aggaaacgtg attcaacgtt   60
ggcggcgcca aactgatcca tccttcgttg caggtgaata ttagggggnga cagttgcctg   120
ctccggatac ttaaggatcg cgcatggttt aaccttcctt nggtcacccc gacatgggaa   180
aatgatcttt aattatcgaa gtcgttgctt tcgtggtcca atggtancta gctatttatt   240
aaattactac tctttattct tcanaaaaaa aaaaa   275

<210> 3207
<211> 565
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 3207
aggnngaaca gagnagtcaa cagtatcaga atcgngccgt agcttggcag tccactggcc   60
tgaccggcag gcttccttcc ttccttcctt tccattatcg cggtgtttct gaacaaggta   120
cctcttatct caagtcgtga cttacacgt gnacggacna cgcttggttc atccttctcc   180
ttattagggg gcgttaacat gcatatctgg gcccgatatt tgattagacg tgagcgcgac   240
cagtaaagcg cgatctatgg tcgcgatgct tcaccagtat ncgaaagccc ccaatgctgc   300
gntgnacnaa aggaggggca ntngcgagat caaccnagnc agcgntcttn atgcgtctga   360
cgtcttcatn acctcacgtc ctcgtgatat acatctgcga tggtggaggt aagccgtgac   420
ccgctgtagt naaaacccgg gggggggggg ntgattgatg ttaactnacc ttgccgacac   480
gcccaaaagg gngatccana naacgaanaa aataaagtcc ctancggaac aaaaaaccgg   540
ngattncccg gaaaanggac gaatt   565

<210> 3208
<211> 489
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 3208
```
caaancggct ggggntgctt gcaggnntgt ccgggnagtt gagcctgagg atgtttacga        60
cgaccgtcca ccaacagctc gatccaactc caaccactct cagtacagct acccaagcaa       120
cagttctcat ttaagcagtc acccaagctt nagcgaagag agcttccaag atccatacgc       180
aaccatccgc tcacaaggct accgtcccgc tgcccccctg cgcgacacat ctcgggtgaa       240
tcaatggnct ctaccaatat ctcgggatct gagaactggg agacctatga tgatgacaac       300
agcgagcccg aagttgatgt gtccgatgnc tactatgcan gctaagagct actcgaagca       360
aagcagttct tacctgantc aanggcgggn ctatgagtag ncaatctaag cgtatacccg       420
gggggggcacc gacggggttt attgctgnac cggtatgatc gaccaggatg gaaaccgatn       480
atttttgca                                                               489
```

<210> 3209
<211> 280
<212> DNA
<213> Fusarium venenatum

<400> 3209
```
caagcatgtc agacacctct ttgtccatgc tgaggtcaca agtgtacaag tcagcgttga        60
tggtatcttg gctgtagcag aggaatacca cgctacaatt atgggtattt caatgacatt       120
cttgaagaag cacggtccta ggcacctgct gcatcgcgaa cggttttttgt tagaagtcct       180
ggggacttat ctcgtggaac acaagaagag ggaggaggtg acagttgaga aataaattaa       240
gaagcacgtt aatcaaataa taccaattca tttacacaac                             280
```

<210> 3210
<211> 385
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 3210
```
ggaattttttt tttttttttt tttatcgtga tgaatagtat tttgtattcc tttatcggaa        60
tcacaatgtg aagcgctact ttctgaaacc caatatcgct gtcgaaaacc ataattcaa       120
cgtgatgctt ccatcctcac ctgccttgaa tgcaaaggcc gaggaaacgc cttacgctca       180
aatgttaaag caagaatcat gtngtgtcga gagacagcgg cgatacctat cgtcagccca       240
tgctgcattt caacaaacca aaccacaaaa tgcaaccatt tgcgcccctt ttgctacgtc       300
tcaaagcacc acctcaggat gtctcgngct ttcatctgac atatccatgt caatgctatc       360
agattggccg actcctttttt tcaga                                            385
```

<210> 3211
<211> 356
<212> DNA
<213> Fusarium venenatum

<400> 3211
```
aattatacat gttccagtga tgaaataaat ctcgaataca ggaaaggata agactagagg        60
aaggcatttt tacgacgggc gtttgggcat ctgttttttca ggaaagggat actggcagtg       120
```

```
cctttatcga ttggacggcc tggtcatgct gtcaaaggag tatatcggcg tggataccca      180
acccaacctc ctgcctgaga tgggaacata ttatattata cagcgggggt aattggaaac      240
tctggcattt tctgctctat catttaatcg tcagtcatct tgaatttcgg ctagatcgaa      300
ttacttcaac ttaaaccaga aggaaagttg agcccggact ggcttctggt tcattc          356


<210> 3212
<211> 747
<212> DNA
<213> Fusarium venenatum


<400> 3212
tttttttttt tgtaactcat taaagacaaa actatcaagt taatgcgtta atctttgctg       60
gggtctcaat attcatgaaa attgcaagca aaccaccaaa cacaaaaggg agaaaaagga      120
aatagggagt cctgtctctg aacatgtaga aagaagaaca atagcaagcg tggtatgtaa      180
ttttcgccgt aagcttaggg tacaccagat aaataattcg acactttaca cggatggatg      240
ttcgctccaa gtattctcca cctcatctta aataacatct cccggctcac caggaatttc      300
caccgtgcac ccgtgataat aatacccgaa agcaatagat agcgaactgt aaaaacaaca      360
aaatgatagg agagaaagag acgtgtgaga ccgtggggag ttccgaagaa aaagccaagt      420
cgtagtatgt gggtgtgcgt gtcaaaccag cttcagtcaa acaccacatc cagcgtcggt      480
aacataaacc aaaacaaata gtgctctttt cccctgaaac caccacatag gagggaaatt      540
gcctcctgga ccagatcgcc aattgaccat gatatagttt ccactcagaa cgcccgtgac      600
aaatgatgcc tgattaagtc ttgaccccaa gctcgtgtgt aatgccaacc cagcctttca      660
gaagactgct agtctgctcc aatctcatca cccattggga aagcttccgt aaagttaaag      720
gccgaggtgt caccatcctg gtcgtgc                                         747


<210> 3213
<211> 241
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G


<400> 3213
aggttgggtg gggatgacaa ccctgctcgt cacataggtg catccatctg atccgcctgg       60
gctattgggt tgtccgaggg ccgctcccct tttgtctgga ggtactcatg ttgtagttac      120
acttgaggtg agcgtggcaa aaggtggaag ttcggataga atagataaga ttgttctgtt      180
acgaatacag gcgacttctc gattccatac ttctaaaaan aaaacttaaa aanttncata      240
a                                                                     241


<210> 3214
<211> 249
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc feature
<222> (1)...(249)
<223> n = A,T,C or G


<400> 3214
gacgaaatna tcattcaact tctncagatg agataactcc gaggaatcta cagacaggtc       60
cactgaatnt ttctagaaaa ctgccacatt cgcttctatt aatgacgatc gcatctttcc      120
ataaacacag ccactgagaa ggattcgaaa gtttccactg atagtctcgc ccaaggcatt      180
ctactttgag ggatggccgt catatggtaa agcgatgtcg gcatcaaagc aaaaaaggtg      240
tagggtagt                                                             249


<210> 3215
```

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<211> 167
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 3215
nactgataaa cactaatgan tgctgtcgta ttgcatttgt agcattcact atctgcagcc   60
tttactattc ngtggcgana ccactgnttt aaanggcnca tttgagctac atanttgggn   120
acaatnaatg ctgtgantta tnaatgaatt ggaaancttt tccaaaa   167

<210> 3216
<211> 484
<212> DNA
<213> Fusarium venenatum

<400> 3216
tgcgcggctc cgatcccgag ggcaaaaatg gtccacagat agacactcca tgaacaataa   60
tgataccacc caaacgagcc aataggagga gcaggctgtt caacagcccg tcagaatata   120
gtatctacgt gtcgtccaag ccacagatcc agagcaggtc aggctgttca ggacgcccga   180
gcttcttcag gacgagggtg gtcaggaggt ccaggctctc gagtcaatag gatgtcgtca   240
aaatcaccag gctgggaaaa gccaccaaaa ccttacgaag gaagatggga gacccgtggg   300
atgagggacg gaggtctact caggcgtcaa ttgttcattt gcatctgcta agggcacgga   360
aggtttcatt cttgcttgta atggtaggca aagcataaaa gagaaaaatg agacccaaag   420
attaccacca cacgtcatat ggccgggtct tctgtctacc aaaaaaaaaa aaaaaaaatt   480
cctg   484

<210> 3217
<211> 65
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(65)
<223> n = A,T,C or G

<400> 3217
ctcacctnaa ctgnaataaa caaaacgcna tggcccagtc catcattcgc atatacaagg   60
aactt   65

<210> 3218
<211> 302
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(302)
<223> n = A,T,C or G

<400> 3218
gaaggttctg cgccgngatg ganagcgcag nggttgacgt gatgcggagg gtcctttacg   60
tcatgttcgt ggntccaaac agcttaccaa cgtacgattt gcgagcgaat tttttnnagt   120
ctggaaagga agagccatac ntgaagttag cagnttgcat aagcttgaat atccaacgtn   180
taacgacata ntngaaggtt atttcgagat gagagttatc gggagttaaa gaagccntgt   240
tncatagtaa ttaaatactg tgcatccaaa anaaanaaaa aaanattctg nggcgctcga   300

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<210> 3219
<211> 116
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 3219
ngtccaagtt anagttgtgg tggtttcana aaggtgagga cttgcnggat ccttttgaag   60
ggncttnttc tggccgggta ggaacccntt taatgttcac cggtnaagtt gtagcc   116

<210> 3220
<211> 260
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 3220
cgacatgaat cacaacggga tgacctctaa cgccatgtcc tattaaggcc acatagaatg   60
agttgaaagg atttactgct ggatgcagtt gaggctacta tgttgttgtt attagaccag   120
ccaactctta ttcgttgggc tgacgcagcg ttgagatgaa gcaggatggc ggactgaatt   180
tagccacctt ctctcnctgt agtattgnag gctgttagat accaaagaca gaaaaaagtt   240
cccattgtct aaaaaaaaaa   260

<210> 3221
<211> 211
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(211)
<223> n = A,T,C or G

<400> 3221
caacatattg atttgtttga tggatccttg agtttgcttt gttgtaatac ccaagctctg   60
gtctgtcgac actacggtta tttccccagg ctacttacta cctactacga aaccgcttaa   120
ttcaaacaaa acaaaacaaa acaaaacaaa acaatctnaa ccactccacg atcgagacga   180
ttncgattaa ccccgcgaac gagcgattag g   211

<210> 3222
<211> 324
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 3222

```
caaaaggtac acgataagtg taagtcccag tgaatgaatg aatgatgaac atgaactagg      60
taaatctagc gtgaatgcaa accaacgggg aggggttacc ctatgaggtt tacgtattcc     120
gaggtgtgga gggggtgttt gggaatggga ttcgaggagt gaaagtgagg agtaaggagt     180
gaanaacagg tatgtaagaa naaagctgat gtactgtatg cacttgcact catacgaata     240
gatcatatga ttcatatgta tgtaagtnta tgatttgatg gcctgcgttg ctcctgggct     300
gggtctgggc ttactgactt acat                                            324
```

<210> 3223
<211> 154
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 3223
```
ntgcctttnt gnttacagng nacattactt ggganaatcc ttgcnttacc ccaantttag      60
ggacattgcc gnaggntccc ccttttggnt gnttgacnga atancccatt tgtccgcaac     120
cnggcngttt ttcngnaagg tggtgaaccn tatc                                 154
```

<210> 3224
<211> 349
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 3224
```
cgaggccaag tcgcaacagc aagaagatca aacaatggtg ccaatcggag actgagtttg      60
acgtttatct ganccaactg ggcttcatgc ctgtaatgga cccaaacatc aacaccgccg     120
gcngtgantc taatgctgca ttttcggata actcgnaggt ggcgcaaatg gcagactgga     180
tgtttggaag ccgcancttg ctgggattgt tggaacagga tatatctnaa ataggcngtc     240
cccagtggcc accaatggtg aanggtgaag ggcatgggcc aatagataga agatgtatna     300
ttgnaaccgt ttaaaaaaan aaaaanaana atttcntgct gccgctcga                 349
```

<210> 3225
<211> 177
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 3225
```
naacttaaat cgccttggaa ggncattccc cttttcggca agtggcgtaa taancnaaaa      60
agccccggcc ggatcgncct ttccaacaag gggcgcanct tntacgtncg gcggtttaan     120
gggttacncc ttnttanagg agaaacccgt tttcntntgg ttggggttgt tcaaaag        177
```

<210> 3226
<211> 238
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 3226
ncncaagact tccacaataa tggacnaatt gtgggaatgg tttnnttttg aggatnggng   60
caatctacan gcggggcgan tgncacacat gaaatttnac ttggagtcan nggcattgcc   120
attctttcta tcnttgcggc nttatcntgg gngatacctt ttttctggct nggatgtttc   180
gggggttctt gggacatttt cggacatttt ttntacttgt tgcantaggt aaggcttg   238

<210> 3227
<211> 155
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 3227
gatttttgat ctcggcccaa atgaaaacct tgctggtgta tactggagcc cgcctttcca   60
gaaccaatac cagaacgtct ctgtcgatat gcgactgngg ctggagccag cgaaactgtt   120
cgatcgactg atcaaagacc ctgatnccnt gtcca   155

<210> 3228
<211> 156
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 3228
nataggcnan agattgtnac caagtggcct gaggattgtt tctaacgaga tgggccccan   60
antcaaccan tactgcanaa ngcattatgg cttagccacc nnaaactttn gcatcngaaa   120
ttgctggcng gattngggaa ncattaagga ccttnt   156

<210> 3229
<211> 221
<212> DNA
<213> Fusarium venenatum

<400> 3229
gacagacaca agcagataac acaagttgtg aggagagaat accagactac tccataacgg   60
cttgtgttga atgtagttgt tgctttgacg cgggtctgat ggatgaggag tgaggctgca   120
gtggtgtgjt ggttagtgac agacgcgcag atgcagtgag aagagttgta aatgatttga   180
tacgcaccca taacccccca aatgaagcga agtggcatca g   221

<210> 3230
<211> 270
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(270)

<223> n = A,T,C or G

<400> 3230
ccaagaagta caggagcaag aanctcacca aggagganaa ngagaancgn gtccangagc   60
gcatccagna natcatgcng caggattaaa aagttgcttt atctcattgg gtnacgggca   120
tattgangat tgctaacctt tgnattgggt ttggagtttc gaggaaaggc aaggtctatn   180
aaaaggacca tatnaatgaa ttaacaaaaa gataccttcc agcctaattn catanttttg   240
gtgaaacggt nntctcatta ctccataaaa   270

<210> 3231
<211> 351
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 3231
cttacctcga gctgctggca ggagcgtgag cggaaagcaa gatctagccg ctgctggtgc   60
aacggctgct atgagtcgac gatcatagtt tctatttcag agaatgcctt ttcatgacga   120
ttggagtcag gttgngtcga gcatttcttt tttccgtttt caaacttgtg tgccattggg   180
taaaccatac actgcgctgc ggcgctacct gtgacgacaa aaacttttcc ttcacaacat   240
gattgcatca ctacaactac ggttatggaa ggggcncana aagaaaaana ctcattttgg   300
ggcatngggg attcatctta tttattttt caaaactcgg ancaaacacc c   351

<210> 3232
<211> 350
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 3232
tttttttttt ttgaacataa cgatattaag aatgttttat actgcggnac taactcatac   60
tactactact gtgcctgctc ttgcttctca aaatacatna tctgttgncc aattggattg   120
tttggtagtt cnaagaacgc tcaatttgtt taatattgtt gtacncaata acaacntcag   180
aatctnataa ttatcttatg nttgcatnca tctcttcagt tnttggtcca aataccacnt   240
attatgttac ttgttaaggn nttgacattg ggctcntcac ngccgatatg ctccttnaac   300
tngagganct cantggnaaa cttgantcct ccttcnggaa gtcttgagct   350

<210> 3233
<211> 236
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(236)
<223> n = A,T,C or G

<400> 3233
nacaatanct tctanggcta nagccgtaag acaacaactt ttttgnaaan ggcacataat   60
attgnnttgt atagtgggaa caatntaact tcganctttg ttataacnac naggttcttt   120
ngnacagaga nacccantct acgctgatna tttccncaac gangaaaaca ttttggctgn   180
ntggtcaatn tcatggcacg ngntggagga aanggnccac ggntcactng atccgg   236

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<210> 3234
<211> 121
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 3234
natcgggaac tccttangag aaaagcgtcc ccctttaagc natgnttcaa aaaaagntaa   60
agaccnattt ctaaccnacc tttgcnagna ttttnccgag tacnccccac cgntaatttg   120
a   121

<210> 3235
<211> 223
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 3235
nggattaaaa acttttatnt tgggcccctc caacnttcat ttaaaagatt ccttgcggcc   60
gttaagcaat cctttaaaa gggcccagtc cgcctattaa gaagtcnant accaggaaaa   120
cgcccggcgt ttnacaacnt aatggacttg gnaaaanctg gccnttnccc acttaatgga   180
attgcnaaaa agtccccntt tgacagcttg tctaaaaagt gaa   223

<210> 3236
<211> 166
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 3236
ngaacaccgc cncnttaatg atgacacttn naccctagag ngcacacggc aaccgctgtt   60
nctctttaaa ttnacgatct gccctncctc aatcctcatg gttggggacg angatttacc   120
atgaccagnt ggtattgtgn tgaaancgga agaccctnta aacttc   166

<210> 3237
<211> 170
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 3237
ncgcgaccgg atatcagcta ntgctatatn ctctngcaac gagggcatag nggncggtta   60
taccggngnt attccncacc tggcttcttg atgctcgctg gctagctttt cagaaaaccc   120

cctttaaann cttgatcana gccttgaagc ttcctngagc ntgcggccct   170

<210> 3238
<211> 228
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 3238
ccttgttgag agccagacgc acgagacaac acccgacgca taatcccatt acagtacagt   60
agtggccttt ttagctgcag cctttggctc ccctgacagt gatcctgggc gtgacgacac   120
ccaattccca ggctccatca caacaaatta atccctacta cttatttttt ttttgggcga   180
cagngcattc aacaactgag ttttccgggn ttgaaaccnc caagtttc   228

<210> 3239
<211> 126
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 3239
nnagggcgga gccaagaacg tgcattggnt ctgcnctgtc tgcnacgctc ccatgnaggt   60
gctccgngtc actgcgaaca acaccgactc gcatctgcca cacatgatca tccaacgcnc   120
ttatga   126

<210> 3240
<211> 114
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 3240
ncgattgatc tgaccacgga ttggattaat tcgacatgga aaanggccng tcanattgga   60
aggttccatg cggaaaaang gacancttat acggccntnt aaggtctgga cctt   114

<210> 3241
<211> 153
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(153)
<223> n - A,T,C or G

<400> 3241
nttttanttt ttngaaaagg gnggggttc nataaaggcc aaattttttt acaggcgtcc   60
ngganggact ggaacctttn ncaacttttt taaancanag tttggcactt tntgnacccc   120

cncacnccct nttttaanca agangaaccc gat   153

<210> 3242
<211> 178
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 3242
ggtatcttga agaatcgcct cgaggttcgc tacattaaac ggtgcatcct gacgcaattg   60
ctttgaaacg gcgcattatt gaagatttgt ttggttatat aaaaanggcc cttgcgcctg   120
ctggcattgg gnggctattt ccttccacct ancaatngcg acagcgcgcc ggtttaaa   178

<210> 3243
<211> 374
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

<400> 3243
tgatgagttg cgcgtcaaag ccacaactaa tgtatgggca gttggagaca tcgtatccaa   60
gcctcgtgcc tctttcttga ttacggaggc acaggccgct ggtgtttaca aaaacatcga   120
tcttgtactc aagagtaagg aagcccagcc tgtgagtggc cctcgngtgg atgcttttct   180
gtgcgcaacc ggtcgaagtc gcggagctgg aaggttaggc aaagttccng tgccatcgct   240
agctgtgtgg acggtcaagg gtcgaacgtt gggtattgag cgcacaaaaa agtaccgcca   300
ctgggagtat gtggtgataa gaagtactag gtangtggtg taacgcctga tatcctattc   360
aagaaagcgc caaa   374

<210> 3244
<211> 154
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 3244
caaataagtc acctatggaa atgacaccga acgaacatgc cctatggaac gcgcacatgc   60
aaacgcccgt cctcttcaac caccacaagc ctctcaaagt ngatccccct tgattnaaca   120
tatcgatctg naccccaata cctttaaccc ccaa   154

<210> 3245
<211> 232
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

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<400> 3245
atgatatgca aaaaagcatt gctntgaggg tttcgaaaat ggtgaagtgt gtatctcgan   60
catgaagtgc tcgttgttgn gatctgcact tgcggatgat acgcgtactt ttagtgactt   120
catgccacac atcaagttcg gtggccatcg gtnctctctt gagcgagcct tttntttant   180
aggctntttg tccttnataa tcttgttntg accgcgttaa cggctattta at   232

<210> 3246
<211> 225
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 3246
ctcatcttct gttgcttcag aagatagaag aagcatgaaa ccttggcgtt ggcctgttgt   60
tggaggtatt ggcgcggagc anagagttgg tttcttgatt gagctgctgg agctaggaag   120
aactcgggtt tagacttgtt atggcatgtt attatttcca gcggttcagg atatggatta   180
tgatattcaa taagcgggta ccgtaaatga gaactgcaat cacat   225

<210> 3247
<211> 191
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

<400> 3247
aaaaggtgtt tggccaggcg aactgttttt gtgcctgggg ggcgttttga gcatccggat   60
cgatcctagg agatgaacgt ctttggtgtt attggttttg cgcttttttg ttaagtagct   120
acaggcaaca agaagttact tggtttaaat ggacgatagt tgaactatga aatacgataa   180
gtacacacta n   191

<210> 3248
<211> 148
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 3248
nttggcggac aanaaggacg ngtcgacagc atggntnttg acctngaatg ttgggatcan   60
atntgtagga ctaatttata anaagattag tccnatctgt tanacaaaaa aaaaanaaat   120
naaaanaaaa anaattanaa aaaaaaaa   148

<210> 3249
<211> 123
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 3249
nttttttnaa ncccgancct tccgncggaa naanaccgaa ntnatccagg ggggggtta   60
aagggnggat tttacccant tacctcnaan ttattcccgn ggtatnggcc gnaaaatgaa   120
aaa   123

<210> 3250
<211> 154
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 3250
agctcgacag acagtagcat gtcgtcatcg gtgttctctc gacatagtat tgagacaatt   60
tcaacgcctt tacaaagtag tncagctttg gaccgcagtc ccctttctat ggactcaaaa   120
aangggccta cntngggcca atggccccaa aaga   154

<210> 3251
<211> 310
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G

<400> 3251
naaaaaaaaa aaatnggcgc cannttttg gacnaaaggn ggggcccaaa aatanaattt   60
tttccccaac acgattnttt caacncttag ggattnaagc aggngtaaaa agggtttttcn   120
ttttccttct cccggccaag aagcncccgc ccacaanggg gcgttctgca acagganaaa   180
aaccccgana cgcanttgnc ccgccgtatt atttntggga ntaaaccaan cttgaccagt   240
antgccnccg gnggtataac cangccggcc tttaaacaac ggccttttac attggcccgg   300
anccccang   310

<210> 3252
<211> 187
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 3252
tctacaaagt ccttcaccac ccggatagtg tgacacagga agatgccgaa ggtgcggccg   60
antgtctcaa agcgtcactc aaatggncca tcgcctatcg ccacctgnac caacaagcga   120
attatccaan gactttttt ggnccaaaa cctttttggg aggtctnggg gctggggnaa   180
ttttttg   187

<210> 3253
<211> 465

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 3253
tttttttttt ttttgccata gataatgcct gaataataat aactgcttat tgaacgactg   60
ttatgagtat ccagatctac ttctcctcca tatcagttgt ggtgccaatc tcacgagttg   120
catcaagatc gtgatgaaga aatttaagtt tgttaccgag acgtgtgaag cagtcttcgc   180
ccagtggtaa tctcaagatc ttgcccttaa gatggcctgc ctttccttcc cccgtagcaa   240
cttcgtagat gatatccact cccttgttgg gatcgccgcg ctgtttcnct gaagcgttcg   300
caaacttggt aagtgtttcc gatagcaagg taccctcata tgcctttcac tgatcgttgt   360
nttaacgcta gcgcnaggaa gtaagtgcga aatgctcaag ctcgcattag aacattggta   410
ccgactcttg acttttngat agatttaagt taaccctcaa ggcga   465

<210> 3254
<211> 368
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 3254
agccaaaggc atgacttagg ggaaagacat tatttgggca cgcactgcac agcaggaaac   60
aagactatga actgatagca tgaagggtgt ggaggggcct cttggggcag aagcaaattc   120
aacactggcg gttacgatgc gtaccaaacg aagggaacac aagtgcacca tgtgtttctc   180
gagggctgtg gttctggcac gaggccatca ctacctacct agtcaactcg ctgaagccat   240
gtgttaacca gaggggcagc ttctggtcgg naaaggggaa gagagaaaag tcgagggaga   300
aatcagagat gacaagaatt aaaacccttt ggacttgaag ttagcttcaa ttcaactcaa   360
atttagag   368

<210> 3255
<211> 124
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 3255
nntatgagca ttgcaacgng agaccaggqg qqtcntgqqg qcctcgtcat gantctaaag   60
anantaagga cacttgggna acttttgtat tcagtaattt naangcctct gangacntaa   120
aggg   124

<210> 3256
<211> 337
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(337)

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<400> 3256
gccaactttg tgggtcgaca gacagcctgg agtcctggcg gcgagtggtg tgttgtggtg   60
ggcagttcaa atcaagcgct gattctccag cgatgggcta gcaagggctc aacttctaga   120
gcatctgctt ccgcttccgc ttccgtttct gcgtccgtgc ctccttctgc accgacacaa   180
agcactgccg tttagagctg tgctcaaggc taaagccctc ttattggaag gctagaatat   240
agtgatagtg aagtatctcc ttcagaatca tcagagggat tcaaaactct taatgcagca   300
ttgtcaagtt cgcctncaaa aaaaaaaatt nattatt   337

<210> 3257
<211> 155
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 3257
cagaggtctc cttatcatca tcccccttcc aacgctttgt tgactttgct tttgntggtg   60
gtgaatcacg tcacaatatt ctcatctatc cttcngnaaa ctttccaagg aactgatatt   120
ggcnaagnac ctgggccatg gcttttgntt ttcta   155

<210> 3258
<211> 605
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G

<400> 3258
cacgcgcctg ggagtgccgt atcatacctc acactctttg caatgcccat cgccaaaaga   60
aacgacgctc cttcaaatca tgatacccca tagacactcc ttttgacga ctttacgacg   120
attcgattgg ttatagaatt gactccttgc ggacccccct ttaccatttg tgggaaaacc   180
gtacctggag agcatagcga ctgtttt att tattttact gcgcccggga aaaagtttgg   240
cgtttaccgg agtttgagtt agcatttgtt tagcgctttc gaccttgtta tgtttgcttc   300
tttttggaat gatcatgctt atcgcttcca gctcttcaca gagcttggga tggcgatgga   360
acaacacggg acggaagcac gattgggttt tgggatattt tatctggctc tatgagagag   420
actgtaggcg gatatatgtt ttggattggc atgacacata tgaaggatat catgtgaaga   480
tagacgctat atttgttgct tatcacggct gtatttcatg atttgtaggt agagaagatt   540
gatgttttga cggcagttgc atatactgcc tggaggttaa ttcttaatct acgctgntgc   600
atttt   605

<210> 3259
<211> 417
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

<400> 3259
gtaagcaccc attcctacac caacatggcc cgaagataag gcgcatgttc ccacttccat   60

```
cgagtgagag caactatggc tttgtttttg agggaatgta tagcaacgct gttgcacaac    120
cacattcacg aaatgattca cctgcgtttt acgaatctcc ttgatatcac aggatatacc    180
tatacgtctt ttccccttat aatttctgtc tgatcgtcga cagttttctt tcgcagcatg    240
ataccaggtc ccgacggcca cggaaagcgg atgacttcct cattcgtttc cgtggacttt    300
atctttcctt ttctttcctt ttnctctcct tttctttctc ggagttgtag gcatntgtca    360
aaagnatgac tctatcatca taaccgcgtg cttttcgctc tattttnaat aggggca      417


<210> 3260
<211> 476
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(476)
<223> n = A,T,C or G


<400> 3260
gttagcttgg tgggtcagga attctgccat ccagcatcat tcgcatggcg ccccgctttc     60
tggtactact ggggccaatc tccggtggta ctgccctgta cttacagtgt tgtccatgtc    120
tatgcgacct gtctgtgtct accctgtcgc ctcctagtat acagggctgc agaacacaat    180
agagtggcgt ttccaaggag tgtcttcgtc ttccttccat tccttctcga ccaagccttg    240
actcatgtag ataaatctac gtcgcatcgt ctcaaactct tgatgacgat gcgggtcatg    300
ccggtctttt ggactgtttc caacaattgc cctgtgttcg tcggtaactt tgttcttgac    360
tcgttacccn ttgngagcgg aggctaatgg ctttactctt cgtttnatat ntttnccaac    420
tttggcatga cttttttttn tggntaactt tttttaaaaa aanaancgtt ttgggt       476


<210> 3261
<211> 179
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G


<400> 3261
caacttcggc gtgcccgttt cggcagtcat gagaacctna gttgtgtcta tgcctgttca     60
cggactcact ttgggtgaag tccagcgtct tcttcgccga cgatcganat caaggcttnc    120
ccttagtcga agataagcac accaaggntn ttatcggcta catnggctgt ataagagtt    179


<210> 3262
<211> 274
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G


<400> 3262
nqgggggant caanaaactt gggnaaaat cccccaaaa tgnggnggaa tttcggnana     60
tttttngtc ctgcnaaga ngggtccaa naccgaagat ncctngccac aaatccgggn    120
gggggatt ttatgntcag ggcccnccnt gcaggaatcc gaattcacc ttttttgcat    180
nggccagacc ggtcctttgg ggggnctntt accancagtt tangnggggt ttttattcc    240
aacctgcccc aggnggggta aaacatgctg gccn                              274


<210> 3263
```
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<211> 211
<212> DNA
<213> Fusarium venenatum

<400> 3263
aaaaaacgcg ccgatgaacg acaaggacac tggcatcaac cgcttaaaca gcaaatctct   60
cggagtctag aggggcatga gaaatgcatc gcctctactc caaaccgatg agggcgctaa   120
ggaggggtta cgtgaaaagc cttgtgtatt atgtacgagg ctatgaaaaa taaacaaaac   180
ccctttgagg gccccatctg aatgatgtgc t   211

<210> 3264
<211> 402
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 3264
agcgcgatga aaagactggt gacattttc agaacaaaat cgagaaagac gcggcggacg   60
cacacgaggc tggaaacgcg atagttgctc aggccagcga tgccatggct aagtggctcg   120
aaaaatatga ggatgacact cagagatgga caaaccaaac tggcctcgaa ggttggngtg   180
atgcgacaaa agccaacaag gaaaagggcg ccgtttgaaa ctggttagtg acgattggag   240
aacaaaacat ggggatgggg gttaaggcgc ctggtgtatc ctattcgaga tcaagaaggt   300
gaagccaggt taaatgccgn gtgctaagtg caaggattag gagtaattgg ttttctcttt   360
attaataatc tttttttttt ttgnggaaca atattttntt ta   402

<210> 3265
<211> 203
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 3265
ncnccggaca aacggacaac cggaaacggg aattttaatc ttaancaatt atcaggggg   60
cccactaccg cgggntttct ggtnaanggt ttttgggacg acaanggntg gggaaatgga   120
aagcttgggt ggcaataaca ttttaaggnt tgggnaagaa tcttcaattc ggttacaaga   180
aaccttcaac aaacaggaaa aat   203

<210> 3266
<211> 184
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 3266
ncttttatta nnaaacgggg ccnggantgg gaaacggcgg gcttctnaag ggnaaaaanc   60
ccggaatttg gccgggccga cgtaaaaaan ggatttnggg ttaaaaaaaa ccttttggnt   120
aaaaaaaaaa atcaaggcgt gntccccnat tgcaatttt ttttcnaaaa gtcngggttc   180
ccaa   184

<210> 3267
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 3267
```
ntcaaacaat tggnnaacgg gtaaaaaaac ggaacaaagg cttgatttca aataacaaag      60
cccaaataat gggggggaggt nttnaattcc ttnaaacttt tcctnttcaa ggccctcttt     120
tngggtgggg ggntttaact ttcnttcggc tttgggagcg nggtcttttt ctaaccctca     180
agnccttggn ttcaactggg cggtcgggcg ctccacaacc cggaaccact tgncngattt     240
cccctgaat caacgtnctc gggttcgctg natactttta gctcaaatgn aggctttcta     300
ctacttcacc aagagaaacg tgcccaggat ggcggcagan acaanggggc ttngaatcta     360
ctggacagnt taaacgacat tacatttggn cttncatgnc ctggtcctct ccaacatcac     420
aacctcacag gaattttttan ctgntttgng ggggttggt t                        461
```

<210> 3268
<211> 577
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 3268
```
atcgaataca caagggttcc catctggcca attctaggtc tacgggaacg acttggtaag      60
gctttgggtc aagagattgt tggttctttc aacccagatg agatagagac ttgggaaaag     120
gatcccgaga gacctggcgg tgaaaagcgc aagcgggagg cctgtgtcaa cagcagcttt     180
gaagaagaga caacggagga aatgacccca ccaaagaagc gatgtctgaa agaaggcaag     240
ccggtgggca tggtgatgtg agagatgatt acaagcgacg catgatatga atcggtatta     300
gatcccattt ttggtgtttg ggagcaacag gacacgcata cactatgata cattggtcgg     360
gcggcctatg gaatttcatc aagactccat ctngctccga ggcatacatg gtagctggca     420
acggcgcaaa agggtactgg gtaatgggcg aancattggg cttncctttg atgacgggnt     480
ttatttgggg gttgtaagan agcgngtagt tatnatatgg tgggatttgg nctggaaggg     540
aatggttgaa acttgacaaa tgccaaaata tncttgg                            577
```

<210> 3269
<211> 335
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 3269
```
atttgacaga aatgacaag cgcagtctgc gtgctcttct tactcagatg gacgccatgg      60
gaagccatat tcgacagctc cttggggaac ctaatggcgt ttccgctacc atgctaaatg     120
aggacgccat accaagcatc ctctcccctc aggactccgc cattgctgag ccactcgaca     180
aggctacggc acttccagtt actgaaccta ctcctcctnc acctttgacc acgccgaagc     240
tccatggacc ttgactgaac aacaggcatc antttggaga ccaactntgc gctccgnaag     300
anaaaatngg ggntttaaaa attctgccan atggg                               335
```

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<210> 3270
<211> 133
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 3270
naactggnta naagagactg gaaccatagn tttcctgntg tacgacattc caataaaacn   60
atnaacggaa tgctaggctt ctncaagggt cattgggaac atgcagagga tgcccacngg   120
gataagcgaa acc   133

<210> 3271
<211> 269
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 3271
ntaatgaana taacctnaca anagtcgcac ttacgatgcc aattgaaaaa aacgtcttng   60
aaactgcaca tggtgcttga taaggcacca gccttggata ttaaccagta gtcaatctaa   120
tatccttcat gggtgggtgg gtgantgatt gcccatgtcc gagcgctcta tgacaaantg   180
gtgggctttn ttgaccangt ctgtgtgatt tcatgggatc atagtggata tgcatgggtg   240
atttggttat tgnagtctat tctgnatta   269

<210> 3272
<211> 402
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 3272
tgctgagcag aaaacgagcg agcggtacat ctcctgaagt ccagtggagg gagatttgga   60
acattgtttt cccagatgat gatgacggtg aagtccgacc ttatgaatac actcctgtta   120
tcgaacactt tgaagtagca gccaactacc agatggnctt tgatcaactt caaactttttc   180
cttgtngaca agatcttcca ccctgccacg ctcgaaaccc tngtttacga aattttacca   240
atacttnggt ngaactctgg atcaattgca tangccaacg cgcaaagcat gccctaccaa   300
anccgaagta acaaaaagaa cgaaatcntt agatccaagc tncacaaaaa cgtattgcag   360
cgaaagagca gaaanatatg cccagaacct gatntggggg ga   402

<210> 3273
<211> 195
<212> DNA
<213> Fusarium venenatum

<400> 3273
tccaacagaa gatgacagac aagttcgctg ctgtcatgga cgagtaagac ctgagcaagc   60
tgctggttat ttctgtcttg aagctataga tgagtcatgt tgtgggatag gccggaacat   120

- 1180 -

```
ggctggtatt ccattactgt ttgcgccgcc ccgtagtcta gtgtatgcat ccaatatcaa        180
tttgttcgaa attcg                                                          195


<210> 3274
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 3274
ttacgcgaca accggtgcgt ggcaggatga ccagagcagt tccaagctgc gaggtctgaa         60
gctcaccgat tttcccagtg ctgtagaacg ccctagcttg ccagttactc cggccccggt        120
ccaccgaaat tccttctttg cagatgacga cgccgaaaat gaagacgaaa caacgaaaaa        180
gcttcctgaa gccgaaggcg ttccgacgca gtccgactgg gatccgatcg aacaactcca        240
gaaattggcc aagcagcaat cggatgtatt gcttaagaga ttggggtagtg atcaagaagt       300
aggaggagtg tgttaagccc acagccgatg aaaggcgaaa gatcagcagg cattttgcgc        360
gatatgagca gtggccgtct cgaccccgag tcaactttaa cctcgcaacc gtcaacgata        420
ccccaaccca gttactccgg accggcgccg catggganaa aggcgaanat acccgcagta        480
cgaaacgccc ttaccgccta aggaagatga attggatgcc ttaacgccta ggaaacaacc        540
ggacttcctc acaactctcc caatggtcaa aggtgtcgga tctttatc                     588


<210> 3275
<211> 966
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(966)
<223> n = A,T,C or G

<400> 3275
cgcctgcaac ataccctgag agctatccca gtttgacatc acaaacagct cagccagtgt         60
acggggcaac aagctatggc gaactgcacc cagagcatga aaggctgtgg cgctttgtcg        120
cccaggtcat atctgatgac cactggatgg atgctcgtgt tgtgtttaga ggttgtattg        180
ggcagcctcg tgaacattgt gaaganggtc gtggggaaga atcaggtgtt gtggcgcata        240
ccaatgacag acgccggcca ggcaccatgt tctctcgaag cagcccnttc agctccatgt        300
ttgcttcaat gctcccgttg atgatggcgc cattggacgt gcagctgcga tgatgctcga        360
agcgctgcac cctgtgtcgt ctagcttccg gcgatatctg cgaaaggatc aacgggtcgg        420
gccctttttcc ttcggggatt atcgcaactc tttgactcac tcttttctta gcgtgtgggc       480
aagaatggtc atgcggacag aatacgggga ctctacagta tcatttcacc accccctcccc       540
atggtcaatt ggagctagct gtctagggcc caaccatgac ttggcgggta gatccgtcga        600
gcgcaaagca gggatcacct gtcggcctat ccaatcacgc gacaccacca ccaacagcca        660
tacgccacct acactacact atctcgagct tgtgcacgac gtttctaggc gtccttctac        720
tacagcttct ttgatgcttg agcttttctg gtattgntgg ttacccatga cacttttttgt      780
caccaagatg ctactcccgg tcacgtacgg tatggtatag acttgacct atttctatg          840
ncttctctta tctctacngn catgcgtttg ntactgggtc tacaacgaat agaagactt         900
tggtttttttt tttttttttgg tcaatgttta cagggataga atggggattg accttgacat       960
gggttn                                                                   966


<210> 3276
<211> 228
<212> DNA
<213> Fusarium venenatum

<220>
```

<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 3276
gtgaacaacc cagtatacga tgttgagacc gctaaagctc tcttcacgca gctacctgag   60
gaagaagccg ctgntcttct agccacatac ganttcactc atgctaacaa gctcttttgc   120
ttcaacctgg gcacganggn agcagaacag gcgccgagca gnctatnggc agntaccttt   180
ttttangtna aaccttttca ggacgcctac cttttaacna aaggtact   228

<210> 3277
<211> 381
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 3277
gaacgaaacc cnactgttac nagtatcatc aatccttgct tcaacttnaa catcaggaca   60
ttctcgactt tnttttgtcc tttgtcgctg tcaaccaaat ccattacccc ngaatccctt   120
gacagnctct attttcgacc gccatcgttt cgccatggct ggtcattggg cccttcgaca   180
ccctcaatcg gagcaccatc ntcgccttgg tctntttgtc atcttctnta tgggttccgg   240
acagcctcta ncgtcaaaac acggcgccaa gcatagaatg atatccacgt tgaactcggg   300
atgacgatgt gagtngtggt ggctacatga acatgaaatg ttcttgctcg aaaatcctcc   360
tgaatgaana aaatattacg t   381

<210> 3278
<211> 435
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 3278
ngtagcgcct ccaacagcna agatgatagg gggtgctcgt tgaccgtcta caaaaacata   60
tccaggccna cctttcttaa aaaatcggca aacgccaccc cgctgattcc aaaaggccaa   120
tctcgtgaac tntntattgc tttanacccg catgcagntg ntccganatt gcacttactc   180
ctctgtcana tgggagacat gcgngatatg cgctgccgng tctcgctcaa acaacttgcc   240
angaggggat ttcgngtgta cccggtgacg agtttgcatn gtccgaggcc gtttganctg   300
ctttatacct gggnncagga cccangaatg cttttgnctt ggatgaccag tntactggtn   360
ggttggatgt ccaaaatgnt gatcccacct gggancttgc ttgttttggc cttttggggc   420
craagcaagg ttttt   435

<210> 3279
<211> 152
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 3279

```
ncangggggaa ggggaaggaa tgggcataca antctgacga caaanttgaa acggccggca        60
ntttgtttna aaaaggggggg ttctttgtaa aaaaanggga acanggcntg tgtaggcgtc        120
aaggcagaan ttttgtgatc cggccatcca at                                       152


<210> 3280
<211> 175
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G


<400> 3280
nqqgaaccc anatncttct taaaanqgtt ctcngctcgn ttncagggga ngaagagccc          60
cncgataacn atggaacann gcgggcgcgg agcaaaaatt gacnattntt gaggctngaa        120
aaatngntgg attgaanaaa naattgagtt naacaaantg gaattcnatc gggaa             175


<210> 3281
<211> 464
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G


<400> 3281
cccaaaaccc atagtggatc tatttcgctt catgtcgaga agacgagacg tctgagtagc         60
gtcgcgtctg cgttggcggc attggaacct ttcccgaatc tagacgaccc gtttgacgaa        120
gatccaactg gcaggcaggc tcgtcttata attactttag tgatattgag acagcggatg        180
agtnccatcg aattgcgacc aggttggcca acaacgacaa acgccagtcg ctacgtggga        240
cctctcccct tacacggtct cgcagttcac tcagtcggcg gctgaatgtg tcagcgcggt        300
cactgtttac acnaanaaag gattctggtc tgtctgctag ctctagtcga cgtccctgac        360
cgccaccaac catcctacaa aggggcctac tcgccttcca ttcctccctc aactgacgat        420
gcaagcatgg tatctccgct tcgcagcatg tttgaaattg aaga                        464


<210> 3282
<211> 394
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G


<400> 3282
cgagtaatga gcgctgagcg ccgattcaat cccgcggcaa agacgagctg tacgaatatt         60
cgatggttgg gatcttcgag acatgactat gatcgtatgg atataggacg aaacggcctg        120
tgaaatggtt gatcgatttg tacagtgtga aggatttcga cagacgaaat cggcagcact        180
tctcttgtta ttactttgat gttgtttgta ctactttgga ggggtttatt tcttcttcat        240
cntctctttc ttttttattta tttattacgt tatggacgga cctcatcatc ttgaggccga       300
aagtaaatgc attgnattgg aaggagtcng gggtcattac nggtggccag cgctgaaata        360
cgattgtaca tanaaaaaag cctgggcngg caat                                    394


<210> 3283
<211> 238
```
- 1183 -

<212> DNA
<213> Fusarium venenatum

<400> 3283
ggcttgttcg tgggtctgtg gcatgtcagg ggtaggttct tggcaaagag ccgccccggg   60
gcctctcccc acgttggctc acacaagatg gtgatgggtg ggattcccat atgtggaatt   120
ggggaaaatg accgagtctg ctgctgctac tgtatgatag aaaagccgtc gacgacgttg   180
aagacacgca catgctcaat caaatccaag gacaaataat aaagccaatt tttttat   238

<210> 3284
<211> 364
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 3284
aactactcga gtctcttggc cacggtcgag gcggtgcacc acctcgcgtc taaggaaaga   60
aatggatacc tagtctttta agatgtcgtt gtttttagca agctacatgc atatctggtt   120
tgataccttt ggcgttttgg aaaggtgtac gggactgttt tcggaccata gagggtccct   180
tgctattttc ggaaaggggg atcacacact gatatccctg tttgagcatt tggactttgc   240
cttttttaggc cgaggacgta ttgntcaagt ggcttcagct tggacactat tacccccact   300
tcggctngga ccctgcagan ggcatnccca ancttncgaa acccgggttt ccccaaaacc   360
nggg   364

<210> 3285
<211> 109
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 3285
nnaactacag gctgttctca angtcttgat naccatttat ggcanggntt acgagacant   60
gattgtnctt gttgccaccg cgaggatcag ttctccgacg taccattag   109

<210> 3286
<211> 566
<212> DNA
<213> Fusarium venenatum

<400> 3286
aaaaaaatgg aaaatatcta ttttggcgat actttgccca tgccttgcca gaccctgatc   60
tgtacaaggc ctgaactcgg tagtttgggg cataagctat ttcgttcctg acgtctctca   120
atgctgtctt gaatcttccc ctcttcgtag tcaattactg ttttttcttt cgccagggtc   180
aattcatttt gttcattgaa ctcaaatctg ccatcctcca catcgacatc cttctccctt   240
ccatgcctct cttggtcttc tctgtagaac ggattagttg aaaactcaga agcaactacc   300
cataaatgcc agcttggttc tgggtcaagc attttgtaaa tatccttata atcgcaggca   360
attgctgcag ctgcgacttg acgtttcatc tccggcacac gcttacgag ctcataaaga   420
agattccaat ccgggcgcaa aggccaccag atgatgtacg gcatggggac tccagtcggc   480
cagccattct caaaaagcgg agagatcgtt gatcatgatg cgacgaagcc attatggctc   540
gctggatgtc ccatgtgtat ggggca   566

<210> 3287

<211> 134
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 3287
ncatgtgctt gcacaagngg gttccancac ctngaangag ccttgtgagc gngagatngg   60
taagaatgcc nacgaactgg tcatgctttt gatgactant gaccttgggt acctcgggat   120
cnttncatcg tgaa   134

<210> 3288
<211> 502
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 3288
actggttgtg ccgtaatgaa ttatctttgt tccgcagttt gggttcgaaa tagcggcttc   60
tgacgcgaga tccctcgcat tgcccgtcat tgtccaacat tgtgttagta gcccgtcgac   120
accatcaact agctagccca gtcgctagag cctgacatca ccgagtcatc tgctcaagac   180
gaatatctct agatatcttg tccttcttcc cccttgcatc gccgtacttc atcactctta   240
tctcaggcgt tgtttgctca acttcaatca ccatggccga agaaccgatg ctcatgcgaa   300
tcccccaga gatccgtatg ctgatatacg accatcttct tgacaatggc ggaacaaagg   360
acatttcaat ccgtaaccaa tcgagatccg agtatgatgc atgccgntcg aaacacaacg   420
gtcaacatnc acataatgga gccgaagtat cgtaagaggg cgtncgaaac acgtntgngc   480
catcccgaac acaccgngca tg   502

<210> 3289
<211> 380
<212> DNA
<213> Fusarium venenatum

<400> 3289
attcggtgcc tgccactcaa cactacagag gaaagcctga ggctcatggc cgttttctcg   60
ccagaactcg ctgatgtgga agtactccct gtggaacaat cagaagacag cgggtttcgc   120
tccgctcaca tgcgattccg atcaatggag gcagcacagc aggccagaac tatgctggat   180
ggccgtccca acatttccaa cagcgcccag atgattgtcg agatcaagtc cgatacctct   240
ccattcgcgc agcgatattc cactgatcct ttaccggcga acaactcgag ttcaccggct   300
tcggctgcgt cagcatcatc tgcaattgga ccaggtcagg cttcaagatt caacggtggg   360
ttccactcac tcgagagcct   380

<210> 3290
<211> 220
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 3290

```
actcaggcaa gtagtacgcg cggtatggaa cgaggctcgt ctcccccgcc gcccatgccg      60
gcacctcgtc tacaaacaag cgtggaaaac atacctctca acaccatgtc gaacggccgn     120
ncatctatgt cancagaccg gcagcgccgt gagcgangct tatttantga ccanccaagg     180
ggccaaaaag ncnaaaggcc gcttggatga ncnagaaggg                            220


<210> 3291
<211> 302
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(302)
<223> n = A,T,C or G

<400> 3291
gctccattcc cgagtcgaca catactgtgc attttactac accaagcact cttaattttc      60
ccattccacg ctactgccaa tcatttatca taaagtgtca tctgccgaca ggctcttgac     120
ctctcacttg gcccttacaa atccgtttct aaggttgttc tgtcacttgg gactttccca     180
cgaacagata gtgatgggcc tcattgtggc acacatcggc ttctcttgca tgagcaccat     240
cttgataaag acatactgna ctaccattaa tacaattata aaggctgcnc gcctccccca     300
nt                                                                     302


<210> 3292
<211> 442
<212> DNA
<213> Fusarium venenatum

<400> 3292
ccaacgtgtt cacgacagcc tccactggtc ttgctattgc cctcaatgtt agtcttggtg      60
gcggaatcgg tcagatccct ggtgtgtgga tttaccagac gtcagaacga caaggcgggt     120
ttacaacagg gcattgggtc aatgctgcat tgctcctctt tgtagctgtg atggccttag     180
gcctaagact gttttatggt tggaagaacc ggcagttgag ggagtacgct gaagcgcacg     240
gggtgcctta tcgttgttac aagttgtagg aagcgagtgt ttgcatattt tgtttgttgc     300
gatgtcgttt aatgagttcg atatccatac acattagcgc tatggggctg tgctagcaag     360
acgcatagcg gaaaccccag tacttcaaga gctgtgtttc agacatacat acagttgtgt     420
atatacgccg atgttacttg tc                                              442


<210> 3293
<211> 1014
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1014)
<223> n = A,T,C or G

<400> 3293
gtcgcattct tttccgctc ttccatccga cggtgcatct ttctgcttat tgcatggcaa       60
ctaggtacag tgagtgaagt gataagcaag ctcctgtttc caacccctcc tcctcggccg     120
cctcgctttg acttcccgg aagcaatcta tcctatcacg gctttgggac atgtcgacgt      180
ttctcatccg agagtggcat ccataggctc tatctttatg tgtgtagcac attcggtact     240
tcaagtcgtc aactactata gtagtcgctc gtaaccacta attccatcat caacgactgc     300
atttctctta ttcttcatca tccatcttct gtaaccacta attccatcat caacgactgc     360
catcatcact ctggacaaac atccatggga ttcttgtagt catgcactac tagtctcgtc     420
tctgtaaaat caccatcaat caaaaatggc cttcttcaat cccgtctacg ctttcgttgn     480
gcccttcctt ttcgtcgnca ccgttcctct tgctgtcttc gctggcatca caactaccat     540
tgccttctct gttcttgttc tcagggtgct gtctgtctat ctcgacgtag ctttatccat     600
tgnaccgcat tattngggtg gacgaaaaat tcggccttac agtcctaata atcattacat     660
```

```
tcgtcaacca cacctngaaa ctccaggttc ttctgcactt tacaccaacc catcagcttc      720
atcggccggg tcaacggcct tcgaatcatc cttacnaaga cgtcgtcatc gtaggagctc      780
cagtgctcta tctacagctg gttctaccac cccaattagc gaaaaggcat tcggcttgct      840
ccctaacatt ggccctgagc gaaaattttt gaaggtnttg gcgggtnggc cactaagggg      900
gtgatgacna gacatggacc acaatcaact caaggctcga atggcccgan aaacaacacc      960
catnggacgt aatcatcacc ggtccccggg aggcccacaa cacccctgga gagg           1014
```

<210> 3294
<211> 603
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

<400> 3294
```
cgggtagcac attcgtctct tcttagtaca ctcttttacc ataactgtat caccttctct       60
tttcattcct ttttttttct aattatccct gtgcttgcca cgaggatata tcctttcgct      120
tatataccgt ttcttagtat cgagttgcag gaaacaactc gacgactcga ctccgtcctg      180
tcttttcgag gcctacagtc cgggccacca tcgcttactt gcgcgctctt ttatccgaga      240
gagccccatc ctaagcgccc ttggagaagc agtcgccatc aatatgagat tgccttgggc      300
cagtcaggcc gcaatctatg gcctcttgtc tggtgctgtc gcggacgtgt taccggtgga      360
cgacatcccg ttgatgtgtg tgaccatctg cggccaaatc gtcgaattga catcaaaatg      420
tgatattcat ggtcaacgca tgtcgaaccg acaagtagat tcggagtggg ttcctaagct      480
ggccgtggaa cctncttcgc tgggcaagag aagcttttca atcatcagag ctgcgcctac      540
atcattccct tccgagttca ctcctgaaga gagtccacca catcgctatc gagttggact      600
acg                                                                   603
```

<210> 3295
<211> 290
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 3295
```
tacatattgc ccaaggagcg gtaaggtcga ctaggatcac attgtttcgc acgcccccac       60
gacatatgat aacgtttcga ctatttacag ctacgtattg ggcatctacc acgagccgaa      120
catatgcgca ggacaactag acagggtcgt ccatacagaa gattttgca agtgcaaaat      180
ttgngctttt gctcatgaat ttcccaccgg ggcaaaatag cttccctata tcgaanaggg      240
gcctgcggct gaaaaaaacc ntggancaaa aacatttagg ccggccaagt                290
```

<210> 3296
<211> 506
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(506)
<223> n = A,T,C or G

<400> 3296
```
ccgggagaag tcataccatg acacgatatg gaacttgact gcgaggccca agaagagcat       60
caggccgac tgagcctatg tcagaacagg tgtttttgac gtctccgata atactggaat      120
```

```
tcgatagggg tagcgaaggg ataagaggcc catgatgaga tatctatgac ttgacgcttt    180
cacgattatg atttggtgtg ccatgttagg gacgtacgag ttgctaactg agtggcaaat    240
accacatggg agtctggagc ttgtccaaca tttctgaggg agttgaagtg ctaatcaggc    300
gacagaccca acaaaagaca attgcttgac caggtttggc catggcaagg atatttatgg    360
ttggtttgcg tangggtcaa agcatatgga agatgtatag tacggaaaaa ggagtccacc    420
aaanggaatn ttcaaccaac ctaccggtag ctgancacct acttaaatat tggttgagat    480
atcaaattcc tgatgaagca aacgtc                                         506


<210> 3297
<211> 254
<212> DNA
<213> Fusarium venenatum


<400> 3297
aagaaaataa aattgcggct gttgtcgccg tcttccatct cttgatgagg ttgtgctttc     60
ggccgctggt ctcaatcgct cagcgagtga taactgcca cgcgatacca ggacttggc     120
gactgtgcgt tgttggtaca tgttccggga aggtttcgat tctgccattg ttcccggatg    180
tcttttgatt atatagaaaa aagtgtttga atatgaatta gtcatccctt ttgggatgtt    240
ttccaaaaaa aaaa                                                      254


<210> 3298
<211> 149
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G


<400> 3298
ntcaagcatn taanggtttc tngaaggcnt ttgaaaccaa aataaaaaga nccccntgtg     60
ttggnagaat ttagggcagc ataaggcttt ggaaaantca nccccccttg gnaaaggtnt    120
tncctggnta aaatgggaaa nanaggcgt                                      149


<210> 3299
<211> 408
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G


<400> 3299
acccgctgaa cttaagcata tcaataagcg gaggaaaaga aaccaacagg gcaatncaag     60
gccagtggcg gncgtngacg aaaggctnga acgagttgag agcaatggca acatatatct    120
acacataatc tancatccat tntccnaqta ttcgggtacc aacgcctgct ttgatcttnt    180
tttgccagt cctggtccc nggtttatgc atcagttggt caatattcgc catgattca      240
cttgctgaag aagaaacgta agtgacaata aaagccttgc tgaacctagc taggctcnca    300
gtcactgtgt gcttacagct gatctttgga gcttacgtna agtcttttgg caangtacgg    360
agtgtacgat gggtnttgct ntcgcattct ctggtttgnc ntttgcat               408


<210> 3300
<211> 144
<212> DNA
<213> Fusarium venenatum


<220>
```

<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 3300
naggtagnct gtcatgccac ttcncacagg gcaaaatggn aatctttccg ganganatga   60
gngcagaggc cctagncctt ttangaaana agnggctccc taattnggaa gtaatgtgct   120
anttncttgc aaanctgttt aann   144

<210> 3301
<211> 606
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 3301
ccgncttgcc acaatctcaa atgaagtctg cattgaccca ccagggaact tcaccggatg   60
agaccgagat agtaacgacg acaggtgggc taaaagtgaa cctttacaat gctcagatgc   120
agctatctag catccgaggc tcgatctatc gagagatcaa tccaaacaag ccatcaccaa   180
ctggcaccac gaaatccatc tcgagtctga tagagaagct cgaaagctgg cagaccgagt   240
ttgcaccggc acttgatggt aaatctacac aaacctacga acatcatggn ttaatccgtt   300
tgnatcttgc atactgncac actctcatca tcgtaatcgt cgcatagctt caaatattgg   360
gcatacccga actcatgaac acatcggcct ggcttcaacc atacatcttn catcgagaat   420
tgnatacgcc ctnacgttgc attattgagt tgccaaagct tgttcagata agnggaagag   480
attcattggg acctattcac cctcttgagt cttgtgggna tatcataatg natcacaatn   540
tgggttaggg tccaacgntg ttttgtnggg nagggccaat ntagattnag aggtgccatc   600
gncnca   606

<210> 3302
<211> 605
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G

<400> 3302
nccaattttt gcgncgcgna cgtacgttcc gaggagctgg aaagcgttga tcaaaagctg   60
ntacagtggt atgaacagat ccccgaagag gtaaaagttc gtaactggga caaagggaag   120
cacatcacgt caacaccgtc gtataacctc caacggttgc gaatctggac atatctgcct   180
tggatcaaaa tgcgaatttg gtttacacgc ctgttcttta tagccgccac aagcattgng   240
ggacaccctg cacaagtcag agcgtggtgt cgacattggc caaagatcta tccctatctc   300
agccattttg aacaacacaa caaacctata cangcgtgtg caggtcttct accatcagtt   360
ncttacatca actatcggcc gtcgtcttnc tcgctttcgt tcacgcccca atnccggttc   420
aatgctaatt gccgcganga agttctatat ggnttttgga gcttggtgaa ggatctnttc   480
cgntaagagt tgggncttac aacgggtgng gcggacaatt agatcggtta aaagacgtng   540
gcaccccgat ttggattgaa ccttgaggac caatccgaag tcaacaactt natttgggaa   600
tgata   605

<210> 3303
<211> 171
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 3303
ntctnctgat gggtaacaac nttgatgagg gcactgtcta ctgaaagaag ggcataaaca   60
ctacaganca gtnacaaant tgganctata ncctctgcct cnataangat gctgtgggta   120
ctgctancga gctctacccc gactaccctg anaaaggnat tccnacctat t   171

<210> 3304
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 3304
cttactttgg tgccaccaca aaccttttcc cctcttccat atcataagta cctatcttcg   60
ggggagcaac ctaccgtctt gcgtcgtata aacaaccagt atttcttctc tcttccacac   120
tcccgccagc catattctgc gtctctacat gcttggtcga tcgcttcgtc tttcaaatat   180
tacaaacgaa ttaacgacaa gcatcatttt atcgcttggt acaatctgtc tagtcaaata   240
aactaaacac catggctcga atcaaaccat caacgcgttn gcaaataatt cgtcaaattg   300
gccntctaca tacttgaact ttaacnggct gtttacccn ttttnccacc ccccttaccc   360
taaaatgcct aaaaaaattt tttgaacccc ccnacctggg tgggccccag ncccaaacct   420
gcgccccgcc gaaaaaantg agcgaanccc ttaaaaaaaa tcnaaaggga aacttncctc   480
nctgncccca aaaaaaaang aaccaaacct ttgaacccg nttttctttc cncccaaaaa   540
gggcccngaa aattccttaa aaaaccaaac cgg   573

<210> 3305
<211> 641
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 3305
gaaagcatca actgatcaat gcttgccagc tcttacaagc cccaaacata tgtagacgtg   60
gccgtcgcat tttcctcttt gagcgtgcag tgctacaaat atctcttgac acctctctta   120
acgtcagggt ttcttcttgt ctcaggtcag acccattctc agggcaagaa gcatcaatcc   180
accaaagaca atattctatg tcgtattgca ttactttccc cacaacactt acagaacgat   240
gagacagcaa tatgaatcga tatcaatgga aaactggccc tctagcaacc gtaggtcacg   300
accctcagct attagttgca agtatcctga aatggcctat aagctggagg ctgcgtctat   360
caaatatacc tcggcttggt tcgagggctg ggcgggtact atcctcagct gggccttgat   420
cgtactgntc gctctntttc aaggtgggca ttttcgncat angaatgggt atgatctaca   480
cgagccatgc ttggtatcga tgagaagcaa gttaanattt nggccnttac aaaaactccc   540
ggtttccggg aatgnggcca atacctcaac ctggacaagg nggaaatgna ccttactaca   600
ngggaaaagg cgcttnaacg ggtattcgac ccccgnntc a   641

<210> 3306
<211> 541
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 3306
ggacacgatg aaattccata cttgtacctg tttttggatg tgaagcttac tgagatctaa   60
tagattttga gtacctccag tccacataat gagccaacag cagtcctcac agtctctttc   120
gggagctgat cgcatcaggg ctctcaagga tgacgatgca atattcactg ctttttgatac   180
atatccatgg accaaggaca aaagcttcat gtcaggcctt tgctccatcc ttggtgaacc   240
tggtcagcaa gaccccgaag cctctctctc agatatggct atccacgctc gcatattcta   300
ttatgcacag cgcattggtg tcaacatcga ctttggtcct ataaaagctg gttgacaatc   360
aaaacaaact accagccccc atatgtcttg ccagaggaat accgcaacgt acagangcca   420
atggcaccta agcttaagcc ttgactgcag aaggctgacc aaagntgacc ttatnngccg   480
aaagccgtga agttattact agaagacagc taatatccat gggttgccaa tgacaacttc   540
a   541

<210> 3307
<211> 957
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(957)
<223> n = A,T,C or G

<400> 3307
gtcgaagtct tccaagagct ctaggaggtc taagaagatg ccgaagcatg ttgcctatgg   60
tagtattgat gaggacctgc gacccattta cccccccttca acagcgacga gaacgacaac   120
gtataatcag cacagccaga atggtagcga ctcaactaat tatacggcgc accgtatttc   180
gctagatgta cccatgcaag ctcgccttcg attgaccgtg cccggncttc gtacgatcga   240
atgagggcct cgatggaccg tgtcagaccc agcttcgagg ctagcaatga cttcacatca   300
gcagcgcggc tatcacgaat cgagtcgagt caatcacagg cagggacgct tccatcctcg   360
cctcagaggg cttttcactga ccaagagtgc caacatataa gagatggatg atgattcaca   420
caactacttg gtccttcctg tatactcctc aaccatggct gatgacacgg atctcctttt   480
cagtttctga gctttgtttc tcttcgcctt ttattgcttt tgatatccca ggcctttacg   540
gggccagtga tgcacgtacg atctgcatga gcgatctgtc agctgctccc cccggtcttt   600
gtccgtttgt tcatgcgctg aagcacgcaa cgaaggcaac gaggtcgaaa ttagttcttt   660
tttcttgatc ctcccacgct ttacgctggg aggtttgctt tacatacgca gggcgttata   720
aaggggaaac gcaaaangag ggttttgctt tttttgtat gaaactgttt tttggtggct   780
ttccagtact natcactttt agtcnttatt tcctccgccg aaaaatttttt tttccaccct   840
tttcctttttt tttttagcan tctttagaac tnggagaagc ngggnaaaca tttccttgac   900
gaaaaattat tttattattg cntggaaagg ngttgaaaan gggaaaaaaa acgggcc   957

<210> 3308
<211> 174
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 3308
naccntgttt naccaagtna acggggacgg gagccccgtt nagtctttgn ttttatccag   60
atntcttcac tatcntttat aagcgacggc gtcacacttt aagtcaacga actcggcagc   120
gttcattaga nttagtgacg ccgctacaaa ctttgntggt ccgtcgttcc tatt   174

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<210> 3309
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 3309
```
aatggctcca ggatgcccca caaggtaaaa cgcatgcatc tcacgaggac gaaatagagt      60
ctcgatcaga gtctgagtat ggcgacgaca ttaactctgg ctcagaatca gaagcagaag     120
cagaacccat gtttttgaag catttcaaga gcttggagca tgagccagtg acaaatgcaa     180
gtgggtgtga agaagaagag cacagcagca gcggcagcgg cgatgtgaac gatgacaaag     240
ccaatcaacg gacaagtctc cgcacacaag ttgagcacga cattgaacaa actggagatt     300
ggactataaa agccgatact agcgcagtta cccccactac aacaccgaca atgacgccta     360
cggattttga tctccgagag ggaaaaactc gaattagggt cccagaccgt cggcagccgc     420
agcagattgc atcaataagc atgcctgtgc cgcagatggt tactgnttat tgatggacat     480
ggccaagctt cactgcgcan caatcagagt cctaattctt ctcatgcggt tgaagagcct     540
tnnttgcagg gagtcaagtc cgtgggnttc aaggcanggn acccttangg ctgggctttg     600
gtccgttttg gggggtccat tcaattnn                                        628
```

<210> 3310
<211> 552
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 3310
```
nattgtgatg cagcnacatg gcgctttggt agtcggtnat tgaccacctt cgtttggggc      60
ctttatnatt cttntctntt ggtggagntc tgnattccnt tnggatggtt cttttngggt     120
attcantgtt gataagtaag tcttgccaag gttagacctt tattaagaag gaccattngt     180
gggcttgtaa ggtggtgtcc cggcgggaaa agaacgaagg ttcttgctta cgacaaantt     240
tggtnttaaa aggctttntg gaatgaagga aaattttcca attggacnac cccaacgaac     300
caanaagggt ngcaagtcaa cgtcccccgt tttctancct cgatgtcccc ttaacctggc     360
cacaacgggn aanaagcttt tcttgccaca ttttattttt gattancgca ccccatacat     420
aattaactac cttttggggg actntnaaac cacataactt agatttccgt aaaatgccgn     480
naaaacacta cacaggccgc natataantt cttttttacc ccctttncca anttacaagg     540
gaaacnacac tt                                                         552
```

<210> 3311
<211> 328
<212> DNA
<213> Fusarium venenatum

<400> 3311
```
cgaagaactt ttgaactcgg gtcactttgc gaaagtacct ttactcattg gttcgacaag      60
aaatgaagga acatccctat tacagcaaat gttggggatg acgggcgcat ttgacactga     120
ggagcacttg agatcgttta tccagacttc ttggtcaaga ggcccaatta atgctacagt     180
cgcccaacat tgggcacaat tgtacgctca agaaattgag acccttcga cagcaggtcc     210
aggtaccgtg aaggtaaatc ccggtccaga gtacggtagc tattatgggc cggcaacttt     300
ggtggctggg cgattttgat attcactg                                        328
```

<210> 3312
<211> 538
```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

<400> 3312
ntcagtaact atgtcggttg aagtntttac ggacgtggtg gggtngcact ttcaaccaaa      60
agaaccccga ttntgtgacc ggcgaaggcc gtcccacttg cantggttgg aagcatggng     120
atggccatan catgcaagtc gtggaaggtg cttgcaattt ttggaaaacg tanggcccnc     180
ttctaccgag agnaaaggac caggacatta ttccaaaaat tggcgatccg accgaancca     240
aaacggccga gantaccatt ctggccgggg aggcgcttgg catgcttaag gtcggaaccc     300
anagaggaat ccgaaangaa aaaaacccct ggccaaaatt ctgtggtntg gctgacaagc     360
ttaagtcaac tttttggtac aagaagtana acctngatcc gaactganga aaacaaattt     420
ggagtccact gaggaggaat gtattttgtt tgattccagc anggcggtgt gatttnggtt     480
tttcaaaaat ncccaactnt ntcgttattc tttgcaaata atagatgggt tttntttg       538

<210> 3313
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 3313
gcgcatgtcg caatcgcgca ccgctctcga tgacagtgaa tactctacaa ggttcaatcg      60
actcaatggt gccatcaaca acctctcttt caacattcgt aaagattggc ggtgtgtgcc     120
ccagtggctt gacaagtatg ttagcgcaga ggcactcaag accggaaagg ctgagatgac     180
ggctgtcgga cgagcagtaa tctcacggtg gttaatggag gaggtgttca acaagtgctt     240
tcatccgggt ctggacacgc actaagtcag tcgctcaaag agattgagct tggcattcga     300
acaactcata caccctgcta gccaggaaga atttgatgca ttgacnagca aaatcgtgag     360
ctggcgaatg acgttctttg acggttttna ttgtaaatta acttgcccaa aagcgattga     420
naaccgtaaa agttttttg ccaaaanaac aattaatttg acggcttgtt ttaccaattt     480
tttaaannaa ccacacccgc ccgggggngg acgggaccca ttnaataatc cgngggacnt     540
tggttggggc atttgnaant taacctttcc cttaaaaagg gcggaanggg gtttnttttt     600
tancccctgc cttggaaaaa ttngnccccc ctt                                  633

<210> 3314
<211> 205
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 3314
ncncgctttc cttcaganct ctnaaggcng ggngggtggc ncccctatgg ttgntggata      60
tjatgggcgt tgctggtgtc gcaaggtgtc cttgctggta tggggtcttt aattgactgt     120
ctnggagcat gtaccatgat cttagccgag angccgttta ccncaacccc cttcaattct     180
atataataaa acttttttgn ctttt                                           205

<210> 3315
<211> 612

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 3315
gtgaatattc aacttcgaat tcaccattct ttcacttccg tgaaagacta tattccactt          60
cttctctctc gtttcgtgtt tctcacatac gcttcttttt gtggaagctt ataatctgtc         120
ctgtttgtaa aggacagata tagctaccta gcttagtagc taccatggcg ctcactcgca         180
agagcgtcgt ttgctcggct ttctgtcttg ctcttcttgt cggtctcgta tacgccggcc         240
atggccatga tcaccaccat gcagaggcta ttgccggtgt caacaccgat aacatgagcc         300
tcgacgaact tgatactcaa ctccagactt gcctattgcc agcagctcaa ctcaccaagc         360
atgcccatca tgccgccgtt cttcgtcgtt accgnacgtg ccttcgctgn ccttttccta        ∼20
agttttctgc cgcaacgctn tcttgcgacc tttacatctn ggcccttcca acttctcttg         480
gcctttggcc gacaacattg acctgnttct ctatcngnat ggtgnattgc tggtggaggc         540
ttnncgggga acttngtcat tggntcttga attttgtggn gaaaacntta cccggttnca         600
agtttggctc tt                                                             612


<210> 3316
<211> 520
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G

<400> 3316
ggtctaactt gagtgtcttc tccaccaaaa cttcaagctt ccatcccatt cattacaatt          60
aactgagctc atggcttaaa tgcagctttg tcatcatcag aaacaattca ttgttcaatc         120
gaccgaaata caaccttaca aaccccgctc atcataaacc caatatctcg aataacgcgc         180
tgtatacccg aacaaaactt taaaaacatt caatacccct cgactcccgc tcccctgaca         240
cgtctagctt cagcatcatg cgacacacat gatataaccc acaatgtggt taccgacgcc         300
gtcgtcgaga gcataacacg gccacggtta gctgtggccg tagtctctgc agtggctgcg         360
ctctcagcag gatactatgc ataccaaagt ccgatcgcag agctttngaa acactggcag         420
gtggtggtct gcataggagc aatgcnntac gacgtcacna cgganccgcg aaacnaggat         480
ggatcaaagt tatcggctga acttgcagtg atgaaaatgt                               520


<210> 3317
<211> 124
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 3317
naaaacgaaa gtgntttggt gcgggggaat cantttgaaa ggttttttcca anaaaaaaac         60
ancaatngaa atgttgggac ntnaaccctt ggatttttcgt caaanaaaag gaaatttttt        120
nntg                                                                      124


<210> 3318
<211> 591
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 3318
ctggaagcca atcggttttg ttccacactg tcctcgatgc tcggctttca tcgtcacttc    60
agactgatgt tctcgcggct ggcgtgggtg agaatctcat ggtgcgaata aagcccgtga   120
aacggacaac ctgatacctg gcatcaaatc ccgggccagg ctcatggggt acaaangaag   180
catcggagac gtcacagcag tatctgtcat agagtatgat gaggtaccag gcgttgttgt   240
cnggagancc aatggagata tccagatact atctggcaag gataacttta catctgtttc   300
acgacaactg aagggaacag atgggtcact aagagatagt ctttctgaca tgaagaagtc   360
gccgggccaa acttcagtct catccttgca gtggcaacca gaagcgaatc gtctcgcaag   420
cggaaaangc tctaccctca tgctctacga tctctcggca tcggacgacc aggattgact   480
cccatagagt ctacgacttc tcaaagacaa tcccgatgat gaagcatcgt tcctacnaac   540
accaaattca tgancaaana ttcttgcttg cgcttgggtg caacanaaac c           591

<210> 3319
<211> 182
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 3319
naaaactccc ggnaacttta ccccggggggg gcatttttgg ggaanaaanc tgggcccana    50
anacccccca anttggccag ggggcccggc ttccttttttt gggggaaaaa agggttttttt  120
tccccccccc caaaatannt tcaaaaaccc cctttacctg tgttttgggg gaaataaaat   180
tt                                                                   182

<210> 3320
<211> 668
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = A,T,C or G

<400> 3320
aatcaaacta ttctaacatt ccatcaattt gaatccgtgc aacccatttt cccttcgtcc    50
ttccaaccat aagcaatact acatcacgtc tagtcgaccc aaccatcaaa taacagatac   120
cttcaacttc cctcaataac aacatcaaca tgcccgtccg cgttcccaga cttcctgctg   180
ccaagccctc agagatcttc tgcatgggtg cggccggtgt tggcgttttg acacctttgt   240
acctcgtcat gcctggcgcc gaggaacgcc tatctaacca gaccaacaag tgggctccac   300
gatgggagag gaatctcagc tacttcatcc ctcccatgga gaagggtgtt cagcgcatcg   360
agcctccggt atccaagatg gtccagcgtg ttgaggaccg cctcccccttt gagaagatgg   420
caaagtccgt tgataagggt atccgaagtg gcatcgcccg attcaatggc gagaacaagc   480
cataagaaca tatttctact gtcaattcg tcatgcctgt ggctttgacc atgaccctgc   540
caacaactta ctgctaggca tgcgtctttc ttttgtaaat atcatagcat accctgggta   600
cggatagata acttattgtc gcatcggncc atatatggat ggaatgaatt tttatttctt   660
ttccttgg                                                             668

<210> 3321

```
<211> 558
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 3321
gaattttttt tttttttttt tggccgangg ggaangtnat ttttgggatc ataggancca      60
aaagcctttt tgggatctaa catgaatgac gatgcaaaat aactttgatg tccaagataa     120
ccaaaatctg ggccaagtct tcattcccat gactttatcc acatcaattg cgcctgactt     180
ctaaacattg tcgcttatgt atattcaatc attccacccg ccttctgtag atagggaatc     240
cttacacccc ttgaacccccc gnggtgccnt ttttagtcaa ngaggatggg tgncgatatt     300
ttaaaactca tattttggtg gaattgaata acctgatctn ggcattaact tgagaagtaa     360
aancttggtc gnggcngggc tgtaccaccg ngagaaccgg catagggagg atcctttgtc     420
gntgaccgtg aaaaggggct aatgtttngg caaaacctttt nggcttgggc ntancaccac     480
gttacggggg aagttaaggg gaggttnanc tgaggttaat gacggcattg ggttcactaa     540
gcaaaatttt gtggatcc                                                   558


<210> 3322
<211> 189
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 3322
ncttcataac aaggggccaa gggggggaatt gntaacccca aaatccaaga aaaaaaagtt      60
gggcnaaggg ggggnggaat tcccaactnt tgangggatt ttttttnggg tggggggatta     120
atganttttnc caaattnttt tnagggttaa taaaaaanat tttcattttg gantccccng     180
gggggaagg                                                             189


<210> 3323
<211> 238
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 3323
nttgacaaga aggcacccttt ttccaaaatg ggaaggcgta accaacttgc caagganaag      60
gnccgttcgt tgggntnttc aacttnaacc agganaagct tgacnaatat taaggncttg     120
gggtanccco cncattaacc aaaatgagcg gtancctttg ttttcttaaa cccnaacttt     180
ttaaagtncc tccagganaa aggggntcct ttttactgcc taattccgnt ttngggaa       238


<210> 3324
<211> 522
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
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<222> (1)...(522)
<223> n = A,T,C or G

<400> 3324
gtgcttcttg gcgatgatcc ctgtccagct gggtatggag actcgaatta ggttctgatg   60
cgacgtcatt tgcaggccag ccatagacga ctgtcgttgg cctcctatct cccttgatca   120
tcatgaaccc tgaaaggagg gacccagttc aagatggaga acatcccaat agacgcaata   180
ccaagagccg ctgaaatgtc gtcgttgtag catgattcgt ctactttaac gcggacacgc   240
cgatacttca agatggattg tcacagaatg tcttgctgca ctacgacaac cgggtccgct   300
actgcagtgc agatagagtg tggccagtta gtatcgctcc cgatggtttc gtcaaagttc   360
ngatcgatgc gtatagctgg tacgcatttt aattggtttg caggtttcaa aatcatctgc   420
gggttcaacg acacaaatgc agtactggtt ggtgatcgat tcgatgctna cttcaaaacc   480
catatttgca acaaatcggt tgcatcgatg aattggtatt cg   522

<210> 3325
<211> 132
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 3325
ntaaanctta aacnaaacaa attgtttttg ggagnatttt ggcccncccc gaatttnttt   60
tttttttaaa cccaaanaag aagggttttn ggcttaaaaa aaaaaggnct tgggcaaagg   120
ggntttttttt tt   132

<210> 3326
<211> 103
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 3326
nactantggg tagcatcact actgtggngc tcatgattac nctacctana cgggttnacc   60
ntcctncaat gacactcctg gatgatcann ctttcgccta ata   103

<210> 3327
<211> 295
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 3327
gattngccat tgagcaaaag aaaggaactt atncaacaga gcagcttgag cccntnaaac   60
tcgacaccat ntcttcaacg cctcantggt agtagcaact tnaacagctt naacacttca   120
naggcgctct tgaactctca tcaaccccaa cgcgtgtcga ccctccccac ttgtgctgcc   180
cgngagaatg cacttgncaa cttgcgacag tcagttcaac angagttacg cgcgggcacg   240
cccgttatta gtacctncgg tcngggagaa ccccattact cngcatgtct ttttg   295

<210> 3328
<211> 134
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 3328
ntgaaagnaa tgttacncan gcggacccna aaagancggt tanttgagga natcnaggac   60
natgnggcta aacctggttc tntaccgaac attgcggang cntgatgang cttgggcaag   120
gcntgttttt gaaa   134

<210> 3329
<211> 122
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 3329
nacattctgg gncngtttta tctggtccct ttnanccagc tanaaaaact ttattttacg   60
ggatttcntg gccaagccct tacaaancca aacttggccc aaaatcccac aataacaaat   120
ac   122

<210> 3330
<211> 591
<212> DNA
<213> Fusarium venenatum

<400> 3330
cgcggccacg gctacatata ggagattata tttttttatct ggcggcttgc acgttgacaa   60
tcaggcggtt gcagtatcaa caacttatat cttcgcgttc cacgactctg aaccagaacc   120
ccacaaacct cactcttgta acattcctgt agccatattt ctacttcact ttaccagtga   180
acagtctggg atatagcttg cattgatcct aatgccaagg caggaataac aacattacag   240
tggaccggga atcatgtgct accagacgat tcatacgcca aaacctggtt ggtcaagacg   300
atacagatgc ccagagagtc aattttctga gtcttgacgt ggtttcacag ttcaatgatc   360
aaccaagccg caacccatct atcaagtaat ctacagagaa gaacaggtcg agtctgtttg   420
ttagcaagtc ggattggcca gccgcaagtt aatcaagcac acaatatgat acatctctgt   480
ctacaggcac ggtctctcaa agccaagcgg ggagcatcgt taaagatgcg ggaatttatc   540
ttcgtccaac agttatcaag aacattggga cttttgatcc atccattatc g   591

<210> 3331
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 3331
ngccanatcg gtnacactat ggangtccag aaaggcttgg aagtcctcga cggtgctgtc   60
tganccagg gcgctgaagg tggnnggcca aaccagacaa ttac   104

<210> 3332
<211> 154
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 3332
```
ctgagtaaga ttcaaaaacc tatgcacgat agccaaagga aacggccggt aattaggaga      60
aggttggatt agcgattggg gaggcagggt gctttgtata tacttgaagc aagcgataga     120
tacctgtatc ttatgacttt taactgtttt tgtn                                 154
```

<210> 3333
<211> 316
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G

<400> 3333
```
caacacatct accacaacgg ccgtctgatc tcggatgata cgcaaacaat ggagcagcta      60
cagattgccg atggggagat gttggccctg catgttcgag atatgagagg cagcaccggt     120
gtaccggaac aagctcgacg ccctcaaccg aggagacagg ccagaaacga acaggatcct     180
gaactcattc gnctccagat ccttggtcag cctgctnttg aggcagcagc ttnagtccca     240
acaccccgag ctgggtttcg gaagttgatg atcccgcccg gtttgcaaan atntttcttt     300
gacagccana attagg                                                     316
```

<210> 3334
<211> 372
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 3334
```
ctaagctgat ggtcgtttgg gaagtcaagc cgagcgaatg actgctaaag ctttcaaaga      60
tgttggcgtc ttgagtgggg gttagttcag cccgttgtct acttgagtga gacaactcca     120
tcagcaagct cgcgatacag tcaaatgctt cgactgccag cttggatcgc atttatagca     180
agatacagta ttctatctcc tcagaatctt tattattatt ggttgatctc tcaacccccg     240
caaaatgacg acactggtag acgctnttnc gacagaccct caggtcgatt gnganaccct     300
tgtttgctta angggactaa cccaagccct ttntttttac aacattgact tggnttgncc     360
tggaccacaa tc                                                         372
```

<210> 3335
<211> 347
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

<222> (1)...(347)
<223> n = A,T,C or G

<400> 3335
cggataagga tgctttgcct acacatctcg ctgagctcat cgacatacac aaagcatttg   60
tcaagactat catgatccaa cttgcccata acggaaagaa ctctcctatc gacattcgcg   120
cgctcgctcc ccacatctca cagtcctggg ggaaacgcca ggtcactatc gaggacattc   180
gtcgctgtat cgccattcaa agttcagcca agtcaatgct cattcgccat tcatgattac   240
agactatggg cggggaaaga nctgcgtaaa cgctnttntg ccgatatggc cctatcaacg   300
aaaaacggtt tttggggnag tttggcntta acctacaaac attgggc   347

<210> 3336
<211> 287
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

<400> 3336
cttcaaccaa cccagcaggc agagtaatac agccatcacc atgtcaaacg ctcagctttt   60
actacatatc gcttaatccg ctgggcaact gacctggcaa ttcacgatat gacaagctga   120
gcttggtata aaagataaaa aagatttagc ttcttatatt ggggtattgg ngaggtcata   180
attcgggcgg ataaanaaac caantgctgt aacgttganc tttnaaaaat ggccttngnt   240
tgaattattt tngctggtng ggggcntggc ccttggtttt aaggccc   287

<210> 3337
<211> 278
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(278)
<223> n = A,T,C or G

<400> 3337
ctttaacggc ctccaccaac tcttccatgc caccgaccga tgttgggcca ctcatgccct   60
ctggtggcat tggccatcgg gggagagggc tgacataaan aacaagctac ttctgngtcc   120
tcataccgga gactgnggag ccccaagggc aggtttatga atggcanggg tcggagtaca   180
aaaggngttt ggnaatattt tggaaaagtt aaccggtnaa ctttttgggc cctttttttt   240
ttatatttat ccaccatgtt gtcgtaataa gcgaaaag   278

<210> 3338
<211> 316
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G

<400> 3338
nttaaggaca tccggttttt tttcgacctt ttcttgagna gttttttaaag gccgggcaac   60
cttattaccc aagnaaaaaa agtntcgntc cgatgctttt ttaaggnttn tttttgccta   120
tgccaagcgc gccagtgaca ttgtcgaacg catttcgtga tcaananaaa gaccccgtct   180
ggaccccttn aagtcgaggg aggacctccc ccaggctggn aatgaggtgc atntttccag   240

```
gaatgatgtt catgcttccn aanggcccna tgggaaagaa ccatcttntg gnaaaatggt      300
cgtcgtttgc aaaagg                                                      316


<210> 3339
<211> 176
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 3339
ntgacttngg agcatgagat ccaganttgg tgtccagagc tttcnagntt gganaaattt      60
ttcnaaactt attgangggg cnggtcanta acnattgggt aacgancgag tccggggctt     120
cttnggggtt tcnttcnacc ctttttncct tggttttgga aaccgggggt ttcnnc         176


<210> 3340
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 3340
tggtaaccct gataaacagc cacttctaca acacccagtc aggctctgaa cgataaacct      60
aattcgagag caaaacaaca catcatggcg cctgctctac actcagatac gtacggcgct     120
gctgtcgaat acgcagccaa aagaaagcat caatgattta acaacacgcg atctccagaa     180
atccaaacca cacacagcaa gtcactttgg gcatcattgg tgtttatgtc gttgttattg     240
ctattctatg gaacgttcct tatgtccgca tggtcctctg gccattcaag atgttggtca     300
ttgccttcca cgaattttgg ccacgccatc accgttcttc tcactggaag ccgcgtcaag     360
tctatcagtc ttgatcccaa cgaaagcggc gtaactcacc acattggtgg cgcaaacgct     420
attgttctac cagctggcta tctaggctcc tccatcatcg gcgccctgct catcttttgc     480
ggcttcaaca tcgtcgccag caaaataacc agcattgttc ttggcgtctg tttcctcccg     540
actctctggt ggggaaancg tgattggtca ncatcctcac tgttctcttg gct           593


<210> 3341
<211> 504
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 3341
attctcctac gacctaaaat actgtttcgc tttgaatccc attgaccaaa caaagtattg      60
ttaattaart cctctctttt gcattgcatt gctacgccat cccaatcta atacaataca     120
tacgacgatc cgagcgatc ggtacccacc tccggtgcat atcacttcaa caatcgcctt     180
atatacgart ntacaaccat catccctaca ctacgacac aacacaacty ggtacgcaaa     240
catgcgctna taaagtcgtt gntcctttgg aggnttggct tgttntttgg cccaagttgt     300
tgccttgntt ttccccantt ttcnaaaagg nttggaaagg gcnaaaattn tttnccttta     360
aaaaacggcc ccggcgggnt tgccnaaacc cccaaanntt tttgggaaaa gnggncaaa     420
ataaaaaatt tgggccnttt aanggggggt tttttnccna aaaaaatttt ttnaaaangg     480
aatnttttt ttttttnggg cccq                                           504
```

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<210> 3342
<211> 384
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 3342
```
nctngttcta ttctccaacc ttattagccc aaaccttaca acagatcctg aactacctac      60
gagacatntt catgatccag tcagaaattc gacttcgaca cgccaatttg ttgtcggctt     120
tcaccagcgc gatcccgccg caaaagacgc aattccactg tgccgagccg tcgctttgac     180
tggattcgta gtcaaagacc ccggccctna atgctgggct ggcatcatga acgcacangt     240
atcttttctt tgatggggac atacacgctg gatcatatnc ccctnagcct ttactngagc     300
ctcttcagcc tattttttng agtactggta ncacaagtcg caagggggcaa ggaaggctgg    360
ggcgantnaa ccgantacca agtt                                           384
```

<210> 3343
<211> 352
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 3343
```
cttcaacctc tttatatctg atctttacct ggggtttatt tatcactgtt gcctcgcctg      60
gctgcgttgc gctgtagact cttatacatc acccaggatc tggacactcc accgttttag     120
tccgaggtcc ccgaatcgcc tagctctcat tcatcctacc gacgacatct gaacttattc     180
gcgacaccac actcgaggtt tccgacgtca caaaccactt tacgatgcct ncttctnctt     240
cttcggccct tcggcaccgg ctggnggnat ggcggncctt cttctcggct cttcttcccc     300
agganggctt ctggacgtca tangaggaca ggtaaanggg ggctnttttt aa            352
```

<210> 3344
<211> 571
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

<400> 3344
```
ctttcagtca gatgacaaac ctaccaggca aggtcgttcc tggacattta tgtcacttga      60
cgtccaggca ttgacgcgct caaataaagc aaaaagaaag aacagaattg tgctggtatc     120
atgctgccca atgcgtctcg actcctgcac ctgnatcgtc aatctngtat aacaagcagc     180
agaagcgata gctcgaggta ctgacaagtg cactctactt agnggngcgc tcaagagctt     240
cttgagtaga ggctacctat tccggaccca gcattcagca acatcgaacg agaacggacc     300
cgaactgatg tnttttgttt tcgcacgggt aggtntgaac cagcacatca ttagtggcag     360
atatntcaaa aagatattgg atcgnattat naacaactta ctttcactag ctcggaatac     420
aatctttacg tgagcaaaac tgttaccaaa cgctgggtac aatgcgcttn nggtacatgc     480
agcacatggc tatggattgn cacccganct tttcgcttca tgaatataac aagntgngac     540
caacctntta nctgcgctnt tcttnaaaca a                                    571
```

<210> 3345
<211> 144
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 3345
nttacanggt gcatgagctg tgcgnccttg gganancttg ctgcttgcat gctctcaata   60
gacactgggg agaggncggt catnatggct ctagcatgcn ttaaaaggcc ccaatncggc   120
ctataatgng gtnggattac aact   144

<210> 3346
<211> 335
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 3346
cggtcgggca atgcgcacaa ggactcttat tcatacaaac cccaagggtt acaaaccagt   60
tattcggaag agtgtgatag ctcaactctg cctgtttggg agaaacacta cgagcctaag   120
tccgaatcac caaagactga ggtgcccaac gcttcttcat acacgatact tgctttcgat   180
ccggcttcca agatgatgaa cgtggcgaaa ctaagtnaaa cgttgcgaca acaaacccca   240
atgtccttct gngggcttnt cnttttacaa aaccagccca agtcttccat tcgttacatc   300
gtcggnaaac gagggtttga ggnggtttta ggggg   335

<210> 3347
<211> 103
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 3347
nncctggcgt gtgcatcntg tcgagctatg cattgatgca ttagtcaacg acaccaacac   60
agaggaaaag ccgaantacc ctgatcgcca gatgggggt tca   103

<210> 3348
<211> 244
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 3348
ctctcccgcc ctctgccctc ccctagcctt cctctgtctc tctcctctct tccgttctat   60
tcttgttttg ctttgcctag ctctntgtat ctcgtgctat accttgacca acctttaaaa   120

```
ccctctctcg ccccctgagag aaacgccttg gtcctttgaa cttgtcaatc ggaatcttaa      180
aagactncaa tacaccacaa tcgccatgtc ccgtaagaga aagcaagacg aaaaggggga      240
gctc                                                                  244


<210> 3349
<211> 193
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(193)
<223> n = A,T,C or G

<400> 3349
nqncttgaga actggntggt ntttatgncg ntaacaccen cganattgga agcactttga       60
cttntcgctg cttanatcac tngccaaatg ttacacccgg ancttgtgca tccctgacat      120
tgngggaaag tgtnaccaaa cttttggcat ngttttagga acggactntg tttatnacat      180
gatncccaca ant                                                        193


<210> 3350
<211> 373
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 3350
ntngaggagc accccggggg gggcaggcca tcctgaaatt atgggccggg accgaccgag       60
gagtttgana tgttgcacga cacnaggtca tcccaagtac gcgccccaac aggtcatcgg      120
gcgggtnaag ggccangang gtactntnga gccttaaang ntatgtggag aaacttgatg      180
taacgacggg gacgcngnaa aaaaaaaaca aaagccgcat gaactttttg naggtttggt      240
tttttgngcg aataaacatc atgggccgaa aaaaggnttt ttggnaattt aagcgttang      300
aacttttttt ggattggatt ganaggcggg atgcattgca acttngggtg naaactaagt      360
tatncaattc ccc                                                        373


<210> 3351
<211> 641
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 3351
ccnacttctt ctcatgacaa gctttacttg tcacaaaaat acctggaggg ctagggtctt       60
gacggcattt gcaacgatgc tacttgtttc gcgatcctga acaccgacag ggaaatgctg      120
atatcaaaaa tcagatccag gatgacctat gcacgacgcg tncaaaaact tcagaaatgg      180
tgctgtctac tggcattcgc acggccgata ctgtacacac gataggtcga aaaggcaact      240
tgttcgcagg tggtggggcg tctacagggа tacggtggt tgggtgtttt ggtaacgggt      300
aagcattgtt ttgcgagctg gcaatatcgt grgctgctt grtgcttgta caanggactt      360
gacactagtc tttcgacttc ccggtgtcgt aacccggnct gtactgtcac acccaaggca      420
cgatgcttna cgccatacca agtcctcacc gcntacctna tcacnactng gcacccagtt      480
cncgccggga ttcttgacct gcncacgttt ctnattaatg aattttcctt cgtttggttg      540
ncntttgagca aangaattat aattntgcct tccggggtag atngcaaaat ttttattttt      600
```

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```
tttttgacgg ttancncttt tccgtcattn accgcnttta a                    641


<210> 3352
<211> 135
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G


<400> 3352
gtgaatcccg atgacntgnt gcagggctgc agccgaatgc ngagtctcng agttcaaagt    60
ngccatcaac ccaagtcagn gagacctgcn tgccgcggaa ggttgacaag atattatcaa   120
gatctcggcg cccct                                                   135


<210> 3353
<211> 523
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G


<400> 3353
cccgaagttc ttaatacggg atccaagtca tggcaataat tctacgatcc atgccccagg    60
aactttcaag tacctgctta aagattgcat aaatcaatca aacaaacctt gcctcggtag   120
gttaaccttc aatacacttg atttgcagat ccagaacctt ccttctcgtc ttgttcttac   180
aagaacagcg ggggacacca ctacgaccga aacgcaaacc acatcttctg ttctcacgtg   240
caacagtcga agcactagac ctttatagat aggcttgcaa ctgaagctca cgaaacgacc   300
ttgttcaata ctacagacaa ggcggncaga ngaaactcac aactatagta tggacgaaag   360
tgaaatcgct tggacagctg tcctctacgc agcaagaggg cctcaaccag ttcctcaagt   420
caccgnatca agaagtcaac gaagccatcc cacttntgag ggggcggagt ggacgtcaga   480
tcgcaatcgc taagtntttg acgggaaaca agccgntcaa tag                    523


<210> 3354
<211> 152
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G


<400> 3354
ngcnttatc taatttctgt gcancttgnc caccangatn tctgtccttg actacttcnc    60
atgggcttnn gtcaaacctc gtncttgaan tgtncaacgt gccgancacc acaancacgt   120
cgcganaccc acaagatgtt gtngnccggc tt                                152


<210> 3355
<211> 245
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
```

<222> (1)...(245)
<223> n = A,T,C or G

<400> 3355
atttattcaa ttcaatatgt cgcactctca cgatggacaa actcattccc atgatggttt   60
caatgcgcag gacatggcca ctccatgaga tccttgatgg acctggtagc tttctangtc   120
gcgagatgcc atcgtttang gaccaaaagt ggnaaaacga gcnttacaat tggaattgga   180
gntcccgtng gttccggaaa accgttttaa tgntgccctt tccttggttt tccgaaagga   240
atact   245

<210> 3356
<211> 402
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 3356
tgcagttcgc aggagggacc atgtcgaagc gagacgcatc tcggctatcc tgcagccaat   60
ctgggacctg ttccaagagt ttggtgaggt ccgggtggca tttgcagttg cgaacgagcg   120
tggcctttgc aaagcagccc ctcctcggcc tattcttcct atagatgctt cgcatcatga   180
tcgaatccgc tcggtgttgg cagacatcaa taaacacttt tagcggccat ctcgaaactt   240
aaggcagtgt ggggagtctg cgcgctgcac tgctctacat cgttgatgag gttgttgcac   300
cgtcggtagt tattttttata cttcagaatg acctttaag cataacgtat aaccgttatt   360
ttaccttatc tcaaatctta tcagcataaa anaaagnaaa aa   402

<210> 3357
<211> 287
<212> DNA
<213> Fusarium venenatum

<400> 3357
cgggcaagtg actgatacag cgctacaatt ctcgatctac gaaaaagaaa cgactaactt   60
tacagatcgc tcgcctagga tgacgcgaga gcaaccgtac cgcaccgcac cgccgcagac   120
ggcggcagcg catcgtcaag gtcaagggta agggtccaag agagagagct tggacagaag   180
gctagggcaa tgtcggttgt ttaaaagacc caatatacac aagattacta ttcattcatc   240
gcctggataa ggttatcccg acagcttgaa gcatttttgt tatcatt   287

<210> 3358
<211> 317
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 3358
taggaagaag cttttactta ttagtcgcat atatgccgac atgtttattt tcacagaacc   60
tgtcccaaga gccttcaata cgcacaactg acatagaccg ttgtgtagct atattgcgca   120
gcttacgatg atgtacccct taaaggagaa tntggggaca gggacggctg aactcaacag   180
gtggttgacg gcaaaagtta gctcaagtga agtttgagca gttatggttt ntgatatgtc   240
caacaaaggc caaacctta tgcatagttt atcgcacgct ntgaccaagc aaatngggaa   300
gaacttccaa gcgtttt   317

<210> 3359

<211> 649
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 3359
gcacgaacga gcgacgagtt tcaactttaa attcttcagc ttggaagact gcgcagcggc   60
cattttaaga tgcgattcct tgataattcg agtctgggca agacgaccga aatccgagac   120
atggaccttt ctcctcgacg agtcaatcga tctgcgccga ctcaacttta taggcactct   180
tatcggatcga aactttcctc caaacgcatt aatatttcac ctcgaagacg gtgtttactc   240
gttcgacttt cccaataaga tatcggaacc gaaacaagca ccgacagtag cgacgtcgtc   300
atataccgcg cttatgaagt tggccaactt ggagagctct atagaagatg cgatggagac   360
gcaaaatcga cttatggaag agataaataa tatgcttgat gattcaccgg tcgataagtc   420
agaaacggcg caagaagctg tttctgtcgc agaaaagtat gtgggcgngc aacaacgctt   480
caacaacttg gcacaaaaag aaacnggatg atctacngga atcgataagg ccccgacgcc   540
gaagctatcg cttaaggag agagcttgga gctcaaccgg aaccggtatn ggcaataatc   600
gagagaaggt gancgcttcg gaagagcttn tcgaanaacc caacaccaa   649

<210> 3360
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 3360
cagcaaacac atgccctctc gtcacataca tatatgtctg tcgccccctc tccattttca   60
tatcgcctct tttgtccgtc tacctatatt ttgtatctac tctaagattt gcttgttaat   120
aattaatctt gctttacata tttactggat atctatctac tgtccactca cctacatcta   180
ctgggtccac gagcttaccc atttgcacgt gaaatccact ctcacgatct tcgatttttc   240
gattctgtac gccagaactg atgctcaaca agccgcaatc gcaacataga tagatatatc   300
gtcagccctc ccgtatactt caccatggcc accgnacaac ttccccgcca gacgcgacac   360
aacttctggc gccattcctt tctgctctcc accgnccacc atttctaccg agcctgctat   420
tggcattctg cccttctntc cccatactac gtcagcgagg caagctnttg ncacctacca   480
gctctgagcc atggattcga atgntgngct acgacaaaga aaaaatatca gaacttgttc   540
agaatgggca aggnggnagc tttgagccca ccccgtgtnc cgcgagggtg aggtgactgg   600
gagtccatgc tgagacacga ttngaagggt ggcgaaa   637

<210> 3361
<211> 196
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 3361
ncttctgata gggtaggtga taatggtccg ctgagaggaa gtcatntgct gttcttcata   60
agatgccaac atagcctcga gctgctcttc ctcgtccatc atcatctcat cctcctcagg   120
gatnggaggg tgttcttggt taaangtcat ggcctnttca atatccgctt cngtacttnt   180
ggagcatcat gtaata   196

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<210> 3362
<211> 289
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 3362
natcaccatg gaacnatcca caacgagacn ganagacaat gacnnctgtt gctacganag   60
gccaccnntt gttgacgaag agctntacca tcaccatggn tgatattggc atcngcgaga   120
aggttacntg atacctggct accaccgatg ggaaattgat ccctatgtca ntctaatgtt   180
tntanccacc gatgcttacn atcccaangn caacaatgcc natgtgtnag cgntacttga   240
aagctgtnaa acgctnanag ctgtgcttgc caaagtagca tcggtgnca   289

<210> 3363
<211> 460
<212> DNA
<213> Fusarium venenatum

<400> 3363
cctttcggcg cccacctctt tgatcctcat caggcggcg actgcctgcc tgagaagaag   60
acggttgtcg atcaaaccca gtcagcacaa gggagatcgg aagcttccca tcagtaaaat   120
cataacgccc ggatattatt tcgaacaaag ataggggtct aataagtcga aaccagagga   180
ctgggctctt tcaagcccat gggctagcca ttgatggttc ctgtccgaca aagccttcaa   240
ctcctgggtt tgggtaagct aatttgaaca cagctgctgt cgaccgattt cgaaatgttg   300
gatatactgc ttctgccgct ttaatggcct cgcgagtaag ttggtatgca ttatttacag   360
gccgttatgt ctctcctgtt ttggttcacc ccggtagata ccgtgcagct gctatctacg   420
tagtattcca tcaacaaagc ctctggtctt cagaaaaaaa   460

<210> 3364
<211> 406
<212> DNA
<213> Fusarium venenatum

<400> 3364
aatggacgcc gggttggttg ccatgagccc gttacatttg tgtcatttgt gcttgatttc   60
ctagcctcaa taggctgtgc gtatttgaag cagatcgaga tttgaccgga aattgtacgt   120
ctctgcattg gaaagagccg gacacgccga accgccgtac tatgctggtt tgctgaggac   180
tggcaaatgc cacacgtgca gacatcaagt cctcgacagg gcacgaagtg gtctagaact   240
tgacttagct tggaagcgca tggtgtggtg gtcagagact ggggacgtac cgttttccta   300
gacatctacg ccgggacaaa tatagaagtt gagcgttata cccgcatatt ataagttatt   360
acgatcttaa tatatatcga aatctgggaa ttgacacttc aagatc   406

<210> 3365
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 3365
natgtcgaga cgatctacat gaagaacntc gaagaactta gttgagngcc ttnattccca   60
ctacaaaggc ntatctgnct tagaccntcn agcattgtc ggtt   104

<210> 3366
<211> 547
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 3366
```
tcanctaatn aacgggccgc angtggggct gggaanttct ggcagatcta attttcccct      60
tnaatcttct tttttttggct tggcgaatat ttttcttttt tcggcccatc aactttgggg     120
gcatactctt ccctttcctt tggtgggtct tttccttctg gttgggcttc tctttggtat     180
acttgggccc ttcctgcact atctatcttc ttgattaaaa tgggtgggcc ttttgggccc     240
tgggggggcg aaatcctccg acaccgcttc cttcgaaaaa accctttcta cgcttcgac     300
taaagatcaa atgatgctca aggcctcgct cgacaacttc cgcgcaagct ctcgccgcgc     360
ccgtgtcatt tggacactat acctcagctt tgcttatctc gnttatgcga ncgccttctt     420
cttgtcgcgg atatgacaac ctcggggcct tcgaatgggg gggcttacaa ggcgggcngg     480
tgctcatnta cgtaacgggg cacgaacctn ggtacggact anaaggtttn ggatngagaa     540
cctaatg                                                              547
```

<210> 3367
<211> 380
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 3367
```
gggaaattcn tgcaagatgc ggnaggggtt tgagcttcat gnggacggg gaacngtcat      60
atgtatacac tttagataga acccgttaaa cccctgtcgt agcatgcgat tgtctaaaaa     120
gatcatgtca gcccatgtta ttttccccgc aacatcccgt cttcggaagg ncgttgtcng     180
cagaatgaag atgaatatcc tttgagttct ttttatctat ctcggctgaa gtcccatctt     240
tgcatcatca tcatcatcat catcttgttc ttctttnttn agcagcttca actcggtagc     300
agaatttatt gccagaaaac tacgtttttc ttcagacatc caactagcgg ccctctttga     360
tcaaattcac cccgctcatt                                                 380
```

<210> 3368
<211> 164
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 3368
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ntcattatag aaggggattt attttagggg gggaaaggnt atgagatagt taaaggnggt      60
gattaatngg ttgggatact aaggaattat gaaaatttga ggggaattag gnangatagg     120
ttttttaanan gtttgttatg gaatttntgg gaattaayta aaag                     164
```

<210> 3369
<211> 345
<212> DNA
```

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 3369
nctgcagctt cagttctggg tcgtcnsggt taatgacagg cctagtccgg aagttcggca   60
catggcgtga gttgagtggg ggcatcgttc gccgttccgt gtggatatac gacggccgta   120
tctaacgtta gtagccattt ggctgcactc cgtggtgtgt ggaacatttg atcctccatg   180
agtggtgtgt tatgttgtac ttttgagagt caatatcatn ctancgcaag ctttgctgag   240
aaaagangac caaggaggag tgaggtgaan gatttccgaa gggcaattgc agagattgat   300
gaccagaaaa gtcccgtttt cagtctagca gtaaaaaaaa aacca   345

<210> 3370
<211> 130
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 3370
ncccngaagg aagaaagang cctaaacgga gagncgcaga cttcaganga aggggngggg   60
aggccttttt natggccgcc ctgngagacn aaaaggaaan ngaaggaagg gagggcnggg   120
gaagggaaga   130

<210> 3371
<211> 106
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G

<400> 3371
ntggccacgn gaagagacaa naanggggg aggagaacan ggnggacttn tccgcacccc   60
caccacagaa ggggangggg nggccaccga anggaagccg cgnggc   106

<210> 3372
<211> 183
<212> DNA
<213> Fusarium venenatum

<400> 3372
gctatgtgag agtgaaggtt tacgcgtcca tcaccagtag aaacttggtg tctctataaa   60
cactacgatg ttgtggaaga ctgagtagcg gctgcagctg cgattgtttt caaatacaca   120
tgtaatactc gaaacaatga ctcgtcactt tctttgttgc aacagatgct ggggaaaaaa   180
aaa   183

<210> 3373
<211> 465
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 3373
caaaagaaaa aactcggggg taaatacaag caaatccaag cttggccctc ttcgatcccg   60
tgaaacttgg daccttcctc tttcttcaaa aggggggttg tgtaacaaat cangacataa   120
tcctcatcca cttgctcatc ttttttatct atccactatc cccatccccc tcttctttcc   180
ctctctctta ttctctcaac ctctcaccat aacatcaaac tctcgataac aaaccatgga   240
gaggccaaac gatatggagg ctgttgagaa gcagcctgac tccgactata agcacatcga   300
ccaagccccc agcaaggtca gctccgatat cgatgccgac catggnttca cccacgagga   360
gcagcgcagc atcatcaagc gcattgatcg cgctgggtat tactgcggng ccatgtactg   420
ngctcgctca tggatcgcac cacatgagtg ctgcaacatt ggcgg   465

<210> 3374
<211> 572
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(572)
<223> n = A,T,C or G

<400> 3374
cgggtcaaca aagatcctta caggggagac acatttcggc gcaacttcaa cttctcaact   60
ctgatttgcg gcgtctgtcg tatggtatca accggtagtc aatcgctcgt cccttgggcc   120
atgttacgcc cccggaaaag accgttatca atagctcgag atttgataca acgttgctcg   180
aactgaggcc ctgccgattg ccggccgggt gttcctggct aattcgagaa ccattgccat   240
gtctctgtgc aatgccattc gcccttcatt cttcaacaac cttttctgtt ttacgcctcc   300
gtccagagac ctaaacatgc gaatcctcca atggcaatct gaattgggca cgggaagttc   360
cagacctagc gcggagctgc tcactgggca ctgaagctct gcacgtctcc ttgaaacgg   420
gtcgggaata ctcatgatca gcatgagatg gatgttctag acccttagag accaagggcc   480
tgcgtgtcct cgtgccctga gccacaatgt ctcttggcag aacagaatta ttgatcttcg   540
cngtctaaaa cgggctgtgg cgcccttccn gc   572

<210> 3375
<211> 338
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 3375
ntttaanaaa ctgggnntgg gaaaaaccng gggtnacnca aataaanect ttgaaaaaat   60
tccttttttn ncaggggggt aaannttaaa aagcnncna aaccccnttt ccaaaagngg   120
gccgcctatt canccggggg gttaaagggt taccccttaa aaaaaaanaa cccnttttt   180
ttttttgggg gggnttcaca aaggaanttt tttcnncccc cggggcaaag ganggggaacc   240
ccctggccan gccccttgt ttnaaaaaaa anttcccggn aaattttccc gggggggnat   300
tttgggaaa aaaccggccc tnaaaacccc naattggc   338

<210> 3376
<211> 631
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 3376
ctccaagcat tccgttctcg cttgggaatt tataagtctt ttgtactcga gttgtgtgca   60
atgatgtctg ggagaacccg ctgttagtat ctgtctctct cgatgcccat gagtttctta   120
cttcactgat cttagcgcca atttgtgttc tgtatcctca agaggtcgct gcttgcaaat   180
accaggcctc aaagcgaacg gcaacgttga ttgatattgc cacccaaaga gctgctggaa   240
cttatctctt tatatcaagt ctcaacaaac ggaaggaact catctctcat aaacttggcg   300
acgttcgcgc agtatcagga cgagcgattg gccgacaaca catatacgaa tacttgtgtt   360
aaggaatcat cgtacctcag aaatgttctg gatgccggtg ggggcgtact gagggtagga   420
aacgtagcga aaaggggat gacccgtctg aatgtcatct ncatacattt ctggtttctt   480
cagcctcgag aaacgtcgcg atacgtatcg cacgcagctt cggtatctgg tccaatggag   540
cattcctac accagcatca ttgctgtcga catacaagtt cgctagcaag tgctcgatga   600
aacctcgtgt acctatgttc agtaaanggc g   631

<210> 3377
<211> 619
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 3377
ccggcagcga gctcccagcc gttgatcccg agaagactcc ttccgacctc gttactttct   60
ggcagaccaa gcccggtgag gctgaagaga tggtgcgctt cagtcaggcc aacatcgtct   120
cagccatttc agctcagctc gcagctatcc caaccaagga gcgtattaac ccgtccgatt   180
tgtttctacc agccgattct cttaccaacg tttacaccct tgtggtcaca ttgggcgctc   240
tctactccaa cgcttctatc gctctgaact ccgtcgccgg caagtcacca gacttggttc   300
tcgcaactca aggtgttgct cccacagttc tagtggctag tcccgagaca cttctcaaga   360
ctcacgaaca gtccacattc agacttggct tcgcttggca acggctctca ggtatggcta   420
ctcgaacttt ggcctggang gnggccactn tcatcaactt ntntcgggtt tttagggcat   480
cccatnattg ggacaattct ggcaacttgc cnggattggt ggccaaccgg ctggtctggn   540
actctttccn gctgcaaagt ctggctggac tggcatttta cggggcaana ttgggntgct   600
ttaccgggcc aaggtgtgg   619

<210> 3378
<211> 291
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

<400> 3378
gctttaaagt gtctctcacc cccgccaacc aaccatgatg gcgtngcgac gactcgacct   60
atccctctcc ggcctcgccc gtcgacctct aacatgttta ttttgcgaat ctcgacggtc   120
nttcaccacc tncgctcttn ggctagcgag gactggaaaa ccaggtgctg gcgcattctt   180
agatncttag cnaatggtgg ccaagccgtc gnagcttccg naactnttgg aaggganaca   240
agggcntttt gnctaaaccn ttctttggcc gatnggttgc cttaccgccc a   291

<210> 3379
<211> 609

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 3379
cgatcaagat gcccgtttta ttcttgttga tccactcgtt tttaactatt tcgttatagt   60
agaacaattt tcatcgtcat gatggcgaga aaccggacat agtgaaccga caacggcgag   120
ggtctcgcat caattcaggt attatacatc atcagagcag cttttttcagc ttttaatcac   180
attagtgagt agacaaattt cggcgccatg tctatctagg tacatgatcc gagttgagtt   240
tcttatccat gtctgccagt gacaaagttt gagatttatt gntacccttg attacagagc   300
agacacagac acagacacag acacaaccct gcttttctgn tcccgataat cttttgatgct   360
naaacagcaa caatctgcaa cgcacgacaa gggctttct tggggccaga aaaaccacg   420
ctttgctgnt tcatgatatc ggccgtaatg gcgtgtgcca acgaacccca ggtnttaagg   480
gggaagaatt nncgtttaat tccggctttt tnttcgagga ggattcctat ttttntccca   540
ggtntttgga ccaggattga agnttaggtt tatgccacct ttgttgncct gagnccaaaa   600
anaagcccc   609

<210> 3380
<211> 156
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 3380
ngagaccgna tgcaatgaca aatggaccga gatgaccctt cttnacaaga aagctgatna   60
ctggattgct tnggtactga cgnccttta cttaggancc cntggaacca acgccnctgg   120
cncctggggn gtgtttattg ggntggttgg cagagt   156

<210> 3381
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 3381
aatcacggct cattcttcat ttggtaaaga gtatcttgaa tcgtaccagt gattcgtcta   60
cttttgcctt gtatttgttg tatccctata cgaagaacac tacaacaaat ctggcgacaa   120
gctggttatt tcaaggcttt gcctattcc ccatcttatg ctccatcccg agtggcctcg   180
aaacaccata acctttgttt attctagctc aacaaacaca aattgctgca gcgacgcaag   240
ttaccataac tttgccattt caccttggta cttgccgaca agtaatcgcc ccacgtgaga   300
agcgcgactc cgcacgtttc tccaagattc tgtccttcaa gccaataacg gaacttcaaa   360
gcttgcaatg gcgactaatt cgaacactct ccctcaaggg ttctctggtt tcaacccgtc   420
ttggcgctca gctncagttc tttctgcca tggaacccg ggagctgac gagctggtga   480
atgcttacat cctggcctgt tccacgcagg agaaagtgc caccgtcttt tggatacttt   540
gagttgcgca cctgntggac agacattaag tctatccgnt ancacttccg ttctgtgaat   600
tcctntggtn tagccttcag gan   623

<210> 3382

<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 3382
cnncacacat gctnttcctt gntnatcggt gacacgttaa gcgactgcag ntctacctca   60
tcaatcattg gtttnatcac tctccagcca aaccgaatnc gttctaacac ccncacaaac   120
aggtttcttt gntataccgt cccaagcctn ttggttcccc tcaccaaaaa tcccttccct   180
ggtgtnggtt tgagcccatt ttcgactctt ttcaccaaca aacttgagct gatcctcccg   240
agtacagttc gtgcttactg tgactganaa attctgttat tcataccaag acgatgtccg   300
accagcctgc gactgtngct gttcccacng accggtncga cctancntct gccgntgagt   360
cagcttcagc gccgcagaca gagttagncc ngctgctgat ccacacgatg gtgacgagag   420
tgaaactgan tctgctggtn gtgatgaccc gtcagctgca ctggttncat cacatcgagc   480
attttttnag tattgtncta tncaagggcg aacttttaac agggatatga caccctatga   540
gtacttactc taacgatgag caacaatgtg catcgnttgc atcaaccatt aagcttgacc   600
tactttnggc gggaagnttt tcttgcnc   628

<210> 3383
<211> 704
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 3383
tttttttttt tttttgaat gagacatact ctattataca ccttgatacc ctacatcgct   60
gtgagtttct aatccaaaga taacattagc tggccacctc atagcttctt cccattcctc   120
cccaagaacc tccatgatat atcctaacag cccgcttggc caatctntaa ggcaccagtg   180
ctccttatag aaactnatta aaacagtaaa atgaccaaaa tggngagtgc cacgggatgt   240
ccgctgaaca taaatctaga aagacacgat ctatctcgag tccccacccc aaataccttg   300
cccggttang gtctncgacg ttgtccgana gcattgaatg cggcggaaca gtcttgaacg   360
gcgtgaaggc atgatgtctt ctgttccccc acacaccaac ggctatgcat cccagagag   420
atgcaagctg tggatacctt acttcgagat ccctttgagt attttggtga ttggcacaaa   480
ttttgtaaga agccgattg tgagacacta tagggcgaa gttntgttgt acaaacatca   540
aggtagaacg gntaaattga agtgccttta atagcttctc gacagggtcg aatgngccaa   600
anaccggact tccggggggg cgaaacatag gttccgttcc gnattcantg gaagtgaaac   660
ttgaaaatcc cacagggctt ggtggngcgt ttgatctggg gact   704

<210> 3384
<211> 358
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 3384
tttttttttt ttttttttc aatatgtttc gacttatata tactctaaac taccaactnt   60
ccgtnttta aactntcatg atttaactgc aatcattcgg caacagggca aanatcatag   120
ttgccattga cattgttccc cccccagntt gggaaaggat ggccagaacc ccggcccgaa   180

```
gacagcaaag gagaggatga aaagaacagt gagacttgcg ccatcaaaag caccagtcac        240
caggtncgag tagtctntaa anaccgcggc ggtantttcg gaggtaganc tgaacgaaaa        300
aagccagaga gcaactgnct gaanatnacc aagtttgnct ntggttgtaa gggatggt         358


<210> 3385
<211> 270
<212> DNA
<213> Fusarium venenatum


<400> 3385
cttcagaatt gggtcattgt gaactttcgt aaagccaaga taaatcttgg taatttagac         60
gaggcgacgt tggctgagat tagccagctt gtgcccatgt atgaggatct aacatcatca        120
cacaaggttt attctggctt caatctattg tatccaggat attagtcgaa atggtgtttg        180
acgcctactt cgtcggctta acagcaagag cagacacaca tttccgacaa ctggaaaact        240
gttgttttat acccagccac tttgagaagc                                        270


<210> 3386
<211> 534
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G


<400> 3386
gaggacatgc atgctgcatc gcgaacaaga acccactaga cctcatgggt aaaattcgat         60
ggtactatgt actcaacatt cccttgtcga caaatgtgct gtctgatcac tcagccttat        120
ccccatctc gttcgatctc gaccggaccc agtggcgaac gttttgctcg acggcgaata        180
ctctcgcgtt acatctctgc atcgagacga gtcttaccga ccgttttgaa atctccccgc        240
gccgtttctt tccatcttac aaacatttgc cttggcgtct gattcactca tccttgcccg        300
tttatgtaca gtacattttc acgaactcgc cgactactaa gccgcttgga cgcttcagcg        360
aatcttgatt ctgggccaan gntattcttt ggtcaataga nnttccctgn cctcttatcc        420
agccctgcca ttcgtcgaat tcgcactcgt ggtcctaccc cgttgtcagg tttgtcagct        480
tagatcacga tngcatngtc catacagnta ctaccatggt ttttccaact ttgt             534


<210> 3387
<211> 655
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G


<400> 3387
aaaactttcc cccgccgatt accaagtaaa cctattcaan gggcgggcgg gtgggccaa         60
cctggtggtg cttggcccag ttggtccgtc cagcttgaag tggttcaacc cctttttcga        120
aagccctctg gtgctgaaaa taatgggaca cgtcgatggg gtgaaagtaa gaagatcatg        180
tttgctgac agggttatct tacattgcgg ggcaagacgt ctatcaacat ttctgtcttt        240
tttgcaagcc atgggacgct ttagtcgatt acaagcacat tgcacaacca cagttcacct        300
ttcagttcta ctcaaggcag acngntctat agaagccgca agacgaaccg acatcctgtt        360
tcttcgataa ccacaacatt gaccaagtta catcgtcagt gcgccaacgt actggctttt        420
cgctccgcta ttcgttccaa aaggacacca gaaagacctt tcngtgttat tgnaaacatt        480
tcaagaactt ctttatgcac agatttncat gaccatgtct atgcctttcg tgggngtgga        540
tggancnggg gcattgggaa ttttcaagtg gactacaaca aggtcaaaag gctcagaatg        600
tttctttca cttcttcgac tttatnggtt naaccactc aattaccggg tgggg            655
```

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<210> 3388
<211> 220
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 3388
tggccaagcc catgcctgct atgtccatgg tgtttggtcg acgacaagaa gctgtgtcta   60
agagctggag tgatatgtgg gacgaggatg aggaagagga ggaaatggaa cagcagcgac   120
aaatgctaca ggagctcaac gccaggactt ggagccagga gagcaaggag gagaagaaag   180
aagtnnagaa gatcgcattg cgaaccttga cccttaaccg   220

<210> 3389
<211> 509
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 3389
cagatgcgaa ctcggcatct ggaccacagg catgtggtca tacctgtaag cagcgaaccc   60
tccttacgaa ccggcccagg tatatctcca agcgatcaat taccgttcgc ctcggccaca   120
acaccggaac attttccgac ttctggagac aactatagga ttttttggac accagggaat   180
cacacaggat atagaggact tattgctcgg cgctcaagga ggaggactta tttttctttt   240
tattttcggc acattgcttg tccttcagtt gacaggcggc tgaggcctag ggacaaccaa   300
aactcatagc caccaacatt ccgttggaac acctaaccgn taccgattaa aaaccggnat   360
ttccccggtg gttttattac aggggctcca atccaagacc caagaaaaga aattgaattt   420
ggcgttttgg gatccncttc aaanaaaacg gatngccaac gttgtaattt gggccttgcc   480
caccattggc ctattttctt tggnttgaa   509

<210> 3390
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 3390
attctttcca agagacttg cctctaggaa aggcaggcgg tgaaaatagc ccacctttag   60
cttrataaat tntgcnnagg tagtcgcaaa gcgactagct gccgtcttcg gcgtccaccta   120
taatcaaatt caattagcct ggacaggcat atttttcttct cgatagctat gcagtatcat   180
ccatgccatg tctagaaggc catttataag aggcctggcg cccattcatc ccagacttta   240
tcagcgaccc gcgcgttcgt tcattttcg actaccaacc tcgacttgca ctgcacaaac   300
atgtcgtctt ctatcgacaa cctctgcccg ccgaacctcg aaattcgca gcattgcaga   360
actaacaaat agaataaacc cacgatcctt naaagtacca aacccggat catcggttct   420
atccttaact ggccaagctt cccaaacctt ttatatcaca agctggactc agatcagttg   480
tcgacncgtt gcaagtttcc acatacctta caanagtntc cgaggnaacc ttgggtcnac   540
ttgtttgccg aacctgaagg acattngttt caattaagcc tnaactttga tcaactgggg   600
caaggtgacg nt   612

<210> 3391
<211> 611
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 3391
tcgaaaacta acttctgntc cntggtttgg gtncatcttg tcttggcttg ncttgtcttt   60
aaatactntt gacctttcct cgagctgtct tgacgtcgac gttacagccg ggtatcattc   120
attcatatcc atcaagctaa cacaacacct cttttaccgc cattactacc caacaacttt   180
tattcactct accacttgag tttatatatt gaacgacaga atctgaactg gattggattg   240
gatattcttt cgacactcta tcatntactc atcttaatca acgatttact agaatcgaga   300
cttttgatcc gnttttcact tcacaatgtg caactacatc tataaggagc tcagctggca   360
acaccactac cacttggtgg aatcatggtg cccaagtaca tcgagactga acgtcggtgt   420
ccgccaccat tgtgagcaag cagtctgggg tgacgacatt tgtgctgcct gccgagaacg   480
ccacaaccaa gtcaacaccc atgggcttag cttatccacg tccgagtnan gcatgtctac   540
tttcttaact ccgagcatta tgagaacgac acgacnacga ctcggcagtc cagatgtgta   600
ttgacnccac t   611

<210> 3392
<211> 194
<212> DNA
<213> Fusarium venenatum

<400> 3392
catgatggct tctaatggat gcggaggcgg tgcaccagaa tggtaaaaat ggtatagata   60
taaacaagga gttggagtag attacatggc gtttggggct tgaggttggg tggtttggga   120
tgtttttgtt atgatgatgc tatctgaata gatatatcga ccttcttcaa caatatagaa   180
gaaattcaac gttc   194

<210> 3393
<211> 310
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G

<400> 3393
attttacatg ttctcatcta aataccgtct cttttatcac atcagacatc atggctgaag   60
cggaacagtg catcatatgc ctggaccctt tacctcgacc ttcggctccc cttcaagctc   120
cagctgccct cactatagct gcgagtgatg ctgcttctgc tggtactgat actggactgg   180
gtattggggg ngtttctgcc gatccgantc cgatctgatc cacctttact tttgagtccc   240
ggctattcnt gccacaacca ctacagccac agaagttttt gnggacgttt naaatttttt   300
gaatgttgcc   310

<210> 3394
<211> 220
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(220)

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<223> n = A,T,C or G

<400> 3394
nattaatggn ctctggggnt ggtggtgata atatcctaat actnaatatc tanacggtgg   60
gataaatgta tatacaattc atatnatgac aaaacatcac cttgtaaatg aaaagatcaa   120
acgcccctcg caatttcagt acatgtcatc caccttctgg gcggcngtca ttntncatat   180
aaagggccaa nctgcctatc ccnantcgaa ttncaatata   220

<210> 3395
<211> 125
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)..(125)
<223> n = A,T,C or G

<400> 3395
nccccacaac ccgcttagga acaagggggg gcttnttttt gggatntgca ctttattgca   60
cggtattgtc ctantagtac cttatctttg gttaanttga tacgcnggat tcgaccacga   120
ccacc   125

<210> 3396
<211> 485
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 3396
gtcaactcac agtgttgtct gtactatacc ataccagtcc tatcggtaaa gtgggagcaa   60
tggaacatcc gcaacacgtc aattcgtcaa cccacatgcc gacatggcag gacagcaaaa   120
gcgataagac tgccggcatg tcttttcggt cccaattccc atcgtcgtct aagagtctac   180
aacctcttga cgtagacaga atggatctac gatgcctctt tgccaacaga ctcttgcccg   240
tcgcctttgc gctaccatgg gttgtgagca tgatcatatc ctgtatccca ttcacccgaa   300
ttagtttact cgaggcccca gattccttat tttggctgcg cttgttanta tcgtcaaant   360
ctcantatgt cgcagtcttt atctacacat ccctccgcac cgacactgaa anaaacagca   420
tcttccaaag aaaaatgtct acaaaccctg gttcngggtt ccttttaat aatccctttg   480
gttac   485

<210> 3397
<211> 598
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

<400> 3397
nccctttgngg tctgtcactc gctcacttcg aagtcaaata ccccgacaca atcggcttcn   60
aagacgacna cgaagataag ttcccatgcg gnggtttnac ccccgacctc tccaaagata   120
aactngtcga tttccacgtc ggaggcgaag ccattgctct tcgttccact caccaacaag   180
gcaactggct tttccgagtt actcttgatg aagaggcctc angcggttgg gaacaggtct   240
ttcctatcgt tcagcagagn ggnctcggtg atttctgtca accccaggtc acaattccga   300

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gaaatacgtc ggcaagaagg gttgggtgaa tgttgngtct tcagcaagtt gatggcttct      360
ctaccantgc attgctgcca atttcgtcaa gggcaanggc cgatgcgccc agccagtgca      420
agaatgcatc ttcagtcaaa gcatatttca cncgacgacg acaaactttc tgccttgtgg      480
atggcggatc taaatcggag gagtcttcaa ctggtacngg cacaaacact ggnttaaaaa      540
gggtnttta cagaaaccaa agattcnggt gcggggccgc aatcttggtc aagccacg        598


<210> 3398
<211> 1333
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1333)
<223> n = A,T,C or G

<400> 3398
cgcattcgga tcttacaagt ctccgttacc gacccgagcg aatccttcca cttccattca       60
cacacccgct gatcagagat ctagttatct ctctgatcga ctcgactccg actcggtaga      120
aagagtcaca tcacagcaag aacccacgga acttcataat ggccgatctg ccggcaaaac      180
gtggggaagc gagcagagat atcccacgtt tatttcctag ccccgaagga tccgtcgcat      240
tcattcatgc tcatttatcg cagtttgaca taaagccgca aattccgttt cattgacgta      300
gttgaagctc aacccgtgct agctttcaat ttgtcaggat atcgcatcga taccttcaaa      360
aacaaactcg cggaagcttg atacggacgg ctcggcacat gccaacccgt cgtccctcaa      420
ctcaaataga ttgatgacgt gaatattcga atcaagttga ccatgtcatt tgtaaaaaag      480
acaaaattac aaaagcagac cacaaaaaac aacaccacag ccgtgcgttg ncaggcacgc      540
gagttcataa cgccacgaaa ctacgtcgtc gaacccaaaa gncatgcgct ctcgttttct      600
tcgctggaaa gagatcatct atcgatcaca tatctcgcct tgatacccaa gtaatcgcgg      660
gccaaaaatt cccaactctt tctggtatac acacactttc gccatcgagt cttggctttg      720
tgggaattta ccgtcacttt angggtatgc atcgatcttt ccaaatttcc cgatccaacc      780
gtctagtcta tcactagaac ttccgaggcg actttcattc agatcggtac cctcagtgac      840
gcaaagcga ctcaaaaatg cgaaacacat actcaaatgg ggaaaataaa atttctttgt       900
ttaatgggtc aagaagtttg gtgatgcata cacatggtgt tttcgcagtt ttacaaaact      960
ccgaatgatc taacatcagc gattgggcgg ctagacgatg gatagagcga caacgttgag     1020
catccagcaa tggatgtcac tgcgggccgg tctatttcta ataacatttc caagtgattg     1080
gtattagatg acgccaaagt ttcttctgtc gcatttcttg aacgaacaac agtgcttacc     1140
tgagaagtca ccacacacac ctgacactat tgcagtcggc ttntcaccaa cctcgacagc     1200
tcgaatcgaa gattgatcca atcanggccg attatagggg nccctttng tggggggct       1260
agttctntac cttttcctta aactcgnttt tggagcctgg gtttgggatt ngaattntag     1320
ccanacagcg gga                                                        1333


<210> 3399
<211> 122
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 3399
nggctgggag agcaccaatt atcacactgg acnaccgaat gnaacatgca ccacaatggg       60
tgacgcgggc atgctgaact naaaattcaa ngantgggcc gagtcnaaca aggggggcaa      120
a                                                                      122


<210> 3400
<211> 583
<212> DNA
<213> Fusarium venenatum
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<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 3400
ctttttatcaa acgatgttct tgaacctgcc tttcgccaga atccacttgt cgacaatgat   60
tatgtctttg gccaagcctt cggacgctac tggtatatgg gccctgcctc atcctgggca   120
ttctgtagaa gagtcctagc tctggttgga aaacatcttc cagaagcaaa caacgatccc   180
ccgccatggc atctcgacgg agtcgcattc cgtctccaat ggagacccct gatgcctgaa   240
gaacatcccg atatctcgaa cctacccca tcagactacg cattctttct cgtacagact   300
gcaagattct atctcggccc ttagcaagcc ttatcgatga aactgaattc cttcaacatt   360
ttaaagagct ttaccaggat gcttcaacga aggcagcatc gtgcaaagct gtggtatgca   420
caatatttgc tcatgatagc ggttgggaag gcgttcctcn gcnggaagag tgccgatgga   480
agtccancgg gttataaagt acnctggtan ggctatgcct nttatgnctg agntggntng   540
gatggcctan aatccaatnt ttnagcacag gcacttactt ttg   583

<210> 3401
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 3401
ccgacccact gatctttagt gatcggttcc acgcttcgag attgttctgg aacaaaggct   60
ggcaacgtat tcagaacaac gtttccacac cctggcgtcc taccaagtgg ccattgggga   120
ctcgtattcg acaggtcttc ttcaacacag ctattactcc cgctaaacgt accattgacg   180
tcgctccttt cccatcacac tttacaatct gatggtgtag ctcaattccc aaaaaatggn   240
cgcccagaag caaagcttat tcaacgatca gttattaaac ctgacatggt aattttagca   300
actggttacg ttccacactt tcccttttctc aacacaaaat acaacaccgg ccgtcgaccc   360
taccccgtat ctcacgatgc ggatgtccgc caggtctggt catctaacga ccctactggt   420
ggatttattg gcttcgtcgt actggaattg gtgccattcc ttctttggct gagaagcact   480
cttatgctct tngntactca ccttctnaac cgagtccacg aactcttctn aaaggtgatg   540
agnggnatta ccgggnaatt catgccccgg ngcgcgaggt anatatgggg gtgagcacca   600
aagtacnca taccacntgg ccaaggnatt ggaca   635

<210> 3402
<211> 640
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 3402
attgtgacan acaagtacac aaagtcccat attgacttgc ttgtggaaga ggctcgcct   60
cactctncgc cttgcgttcc tccacaacct caaaatgcca tcgatttggc tctcgcattc   120
atgcccaatg agattcaggc tggtgggcaa antccggan cttttganga tatgcgtcgn   180
agaatgacgg gcctgggtgt gccaagtacg cctggttgc ccatgtctnc cgcanggcca   240
aggggtattt cgaagcgaaa gaanaaggan aagaagcgcc gttgggtatg gacaatcngg   300
caagaagatg gcnatgatga tgagcatgtg ggaggttcta tcgctgcttt gagggctgag   360
gcggccaaag gcgaatgatg ctgatnaaat aaagaaacct gtgaccgcat nagatcttcc   420
cccttnactt ttntacaacg ccgacaccga gcaccgatag gtttgaaagc tttggatagc   480

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atcctatctt gagaaccatg atattgnnga tgtccgatnc nagcaggtng tcttacaata        540
ccccgaagaa tcttccacat gacttcagag atggatcttg gacatcaaga ccccgtcgcc        600
nacangattg atggggaaag ctcaaaattt ntcctnctcc                             640


<210> 3403
<211> 120
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G


<400> 3403
naagtggcnt gcanttgaca cccgcggtca accctataat aaacacgcaat ncgaangggc        60
taugcttatc acaacattty accaagctaa gcccgttcat gatggnnggc tcaaacatgg        120


<210> 3404
<211> 585
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G


<400> 3404
cgaagatgag gagatggagg atttcgagtg gtctgaagca attcttactc ctgtccccaa         60
gacacctgct ccagaggcta ttgcacgata cgccgccaat ctcgacctcg agtcggcttc        120
cgctgatgat gatgacgatg atgatttgga cgagtcaccc acgaaggatg ctctcctgat        180
gcgaacgtgc cccccaaaga agtccatccg tgagatgggc gctggacttc tcagccagac        240
caaggatgat ggtgttctta tgcgactcat ggctgcacga cgcaagagtc tgcagtttgc        300
gcccaagatt ggtagtcctt tagcgaggac ctggcagtaa tagactggat atggtcaang        360
tggaataatt gtacatggac agggtttgat cccgagttta tgggttcata ttaaaatttg        420
ctgtcacacg gcatggctgg tacaatcact cattttgcc ataggangggg atacccacgg        480
gaacagacag gaccttcgnt gggccgtttg gtgggatggn atttgctgga tactttgttc        540
acatatttga gagctggtca cttaagaatc ancattgttg attgg                        585


<210> 3405
<211> 206
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G


<400> 3405
ntatcatggg acacaagtat agggcacctt actcttgccg tctttnttgg ccnctatncc         60
agcgcatanc aaaaantcan ttactgattt tnctagggaa anacaagcca ccaaccccan        120
tttggcngct tncattgggn actccagngg cngagccata attnaggcag aaancggtcc        180
tgttttggtc tgnncctttt ggccgg                                            206


<210> 3406
<211> 408
<212> DNA
<213> Fusarium venenatum
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<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 3406
gaatgatcga cgattttct gttggtagga tacggacgtt caaatcacga aggccattgg   60
tctcggattg gttctcagct acattcgctg taagtattgg tccgtaaagg ggctttttt   120
ttttttttgc acctacactc caagttttct tgagttagac cagccagatc catgaataga   180
tcgggccgct cctaacaggc ctctggctgg atgttgntct ccggtataca ccaaggagtg   240
gcagatattt caatagctac ccaaaagata ttatgccccg nctcaataac agttacctcc   300
ggtgtaatgc taatttttgg tgccaggcaa nacactgcct ctgacgtggt aaggtggtga   360
ganttttga tcggcggtag ttgcaaaatg ntggccggtt gcaaaagg   408

<210> 3407
<211> 379
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 3407
caaagcngct atattcttgg tttttctatc tttgctttgc ctcagccctc gcatcatcct   60
ttgactaggc atgttcgggg gatgatggca ttgtttggtc tagtctaatg gggttctgtc   120
tggactgaga ttctcccccc cttttgggcg atagagtcgt cgagaagcga cggcaatggt   180
gtctgacatg gcatggtgaa ggaaatggga tttccaagtc gagattggca ggatcgntga   240
gataggatga ctcttttnac gagaaacgga ctggttgctg agcaggggcc gtggtgaatt   300
ganaaggttt gctgtgtcat gttgagttgt gnatatactc cttatacttg natagctctn   360
gcgtccaaan cgaagacct   379

<210> 3408
<211> 651
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(651)
<223> n = A,T,C or G

<400> 3408
gaacttctgc aacattctat acattaccat ccatcacagt atcttgaaac tgcaatatac   60
ttcttggcca ctcaagccaa tcctgccatt catctggcaa aattttctca atcgctctaa   120
tctctctaac acccgaatcc ccaatccacc aaaactcact caacatggac aatagagcaa   180
agtaatacgc aagaataaca agcgccctcg gacgaagctc ctccaccaga tccgcaaact   240
tcgggcgcat catcataggg aaaacaatag ttcgtcgtcc aatactcttg ttgatattt   300
ccctatccat gaaattccgt atgcgtccta tgagactcag cgctctcacg tatgcatctt   360
ctgtttcttc atcccacggt tcttcaacct cgtgaggttt ctctcggctt aacaagggtt   420
ttaaatcgtc gggtagttca ttactatcgt tgtcctctag aagatccgcg gcactttcga   480
tcatctnggn atactaccga ctcagggta tcccgtatga tatccacccc ttgcggaaga   540
acgcaagant cgtccctgga anccncaaaa gggccaccgg gaggggttat aaggttccan   600
cgagcnacnc ttgaagncga atataaccgt aaaaccncca cgattccttg a   651

<210> 3409
<211> 184
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 3409
ncgcgcctcg aaggctgggt ctgctgnatc aaaaggccga cgcagcgata ccatnaantg   60
caacggtccn gttaagggtg ccatcctaaa gcnttnaaac tacacatact acacatacga   120
gagtgtgnct aatggatgca agagttacct gactttcaat ccttacnctt cggcctatgt   180
tttg   184

<210> 3410
<211> 576
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 3410
gcatattaca acatggccga caagatcaaa gaccttcttg cagacgacag cgtatctgcg   60
caagatgctg cgcggaaaat tacaagctct tgtataaccg caattgagaa gaacgaagat   120
gcgtccaaaa ttgaggatga gctgtatgcc ctctggccgg gcatcctcac cgccgccgag   180
caaacccctc atgatcgaca agataagcta gtgcaaatta tgcaggcgat aaaggaactt   240
gcaccctccg gagacaaggc caaaaagatt gttgtttggg ggaatgagac acgctgggat   300
gcgcttcccc tgttcggctc tacagcacga gatgaacttg accgtgcgca agaagatctg   360
aagactcctg tgtaaacatc aacgcattct tcgcccgtat cacggctgct ggaattgatg   420
actttactct ctacgccatc tggatcttgc gcgatgccat tgangacccg ccgtgaatga   480
gatcgcacaa aagacttcac ccangctatt gaaagctgcc tcagtttggt tcatttacgc   540
tggtgattca ttggcaaagg cgaccaaaga aggaaa   576

<210> 3411
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 3411
caaaacaacg ccaccagcat gacactcatc aacgttcaat ggacctatct gggaatcacg   60
ctgctttgcg ttgccctcgg tctcttcttt tattacatgc ctcttccgga agtcagcgat   120
caggagctgg agcaatcgc gacgcatctt cccatggatc ctcaaaagaa gagcagcgac   180
ctgcaactac gcactggag ctgatttg gctgttcttg ugcaatcgc ctacgtagct   240
tccaggagtg tttcagtatt tatttccgca gtctcatgat ctccatactt cccaatcaac   300
ctaacagtgg cgagaaagcc gcacaaggcg ctagcgacat tcctaatccc gacaagccac   360
ctggcatcag cctctctata cccgactacc tactattgc gcataccgcc ttacggnat   420
ctcgctttat ggcagcaggc ctacatatct ctctgnatac cgtcccgctt ccccggcctn   480
cactattcta ccgctgcatc gctggggttt cctcttcgcc ttctccgtgg tgtccgtcac   540
ccaacccaac ttctggtatc cgatggcctc tctactcttc anggactata acccctattt   600
cgtattggct tccggcaggn cgac   624

<210> 3412
<211> 623

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 3412
ggttcccgcc gttgctcagc ctgcgctatt acccgctgcg cccatctcct ccgcagcaat   60
gactctggac aagtccaaga agcgcaagcg gtgagcggcg cctctcccgt gtggttgggt   120
tccgattagt agtatgtata tactgggatc tcaaagcaca cattgccgtg tctttgcggc   180
atttgtacac cacttatgat tgttactcag gagggcgtaa taacgacggt cagttgacca   240
ttatactcct tatacggcgt ttggaagaaa tattgcgagg ctaactatca gccccttgcg   300
acagcctcgg ggatgtatgt ggaggagttg tgaagaaaca aggtgcggta tgggaaagga   360
aaaaggggcg cgcggattgg aaaatctccc agaggttaga aggacatcaa agaaaaggca   420
tatggatggt ttatcgtgtg cctgaaagcg cacaaagcgg aatgggtgat ccaaaagagg   480
gtccgcctgg atgttcanga atctgcccat caacagcaca aaaggagcgg actggtttga   540
cagcgggtat tgtttctgat tggtttcccc tgggctggaa cttttctata ctttggtacc   600
tactcgttta aatacacata ctc   623

<210> 3413
<211> 182
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 3413
ncngtactgn cacgggtgtt acaaattgna naatgcgacg agatgaacca nacttagtac   60
agactgccng acggtagact anttnttacc acagcgttat ntacgntggg ctgtngcgac   120
ccnaatgcan atgaggagaa gaagtagctc acgccattca gntgtcnatg aaaaccaata   180
ca   182

<210> 3414
<211> 122
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 3414
ngctgttnac tttggncctn gatgactacg agcnanccac cgattcnctc taanaaaacc   60
cnattangaa ntcactgtct tcgcacccgc ttggatgtcc cacnacataa tacgctatga   120
ga   122

<210> 3415
<211> 197
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(197)

<223> n = A,T,C or G

<400> 3415
ntagaacaag aggcgaaccc gatccnagca cctacacctg gcgaaagagc aacccttacc   60
tattgnnggg cttacgggct ggagcgcgct aattacccaa agnaaacttg cttttcttgg   120
tncaaatggg ctttttnaca agcanactat gcngagttgc cttgcaanat ccttaaanta   180
tgggtntnca aaggggt   197

<210> 3416
<211> 114
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 3416
ngaaacaagc gaaangacna aaggacnatg antcaggaat ggccggcnaa aaacananga   60
cggacgccag gagctggaaa tcgcattggg aaccgatcac attgngtnca gaga   114

<210> 3417
<211> 485
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 3417
cccgaagctt ggacggttca ctacctggct ccagctctac tttcaaccaa gtctaatcaa   60
cattcacatc catattctca ctgcaacagg acagcatccg tacctggaca gatgaatggg   120
ctccatagac ccggctattg tgtcccgggc tcattatcca gcgtgacgag cttggttcaa   180
acgctgtgct gtgctggaca gagagacctg cagcactgca ttacttcacc catgggtcta   240
tctggaatca gccaaaacct cccaggtctt gcatctgcca aagtactgta ctactcagtg   300
cttttcctat gcaacaccct agcagatttg accctgcctg cctggttctg gnaaaagcgt   360
ccccggaccg caattacact tgaccgattg nagtacatgg aactgaccac taccaatata   420
gccatttaga ctggatcgtn ccgtccatgt cccttgcacg gaaagtatgg cgtttnttng   480
gttgt   485

<210> 3418
<211> 515
<212> DNA
<213> Fusarium venenatum

<400> 3418
ctggtacgcc gggaatattt cgctttcagt gagaatatca tggcaatgct gactattgaa   60
agtccccttg attgggaagg gataggcgac atcggctatc ctgattctga gtatgctgac   120
tttggcttcc atgacctctt gaaagagtgg aaggacagga tcttgccctg atacaacttt   180
tgcgataatg ccggccaaaa ggggcgtatg agtgatattg cgtctttttt acgaatatgg   240
ttctttttcg ggctcttgaa ggaggttctt ggagaaggtc atggctcact gcagcatttt   300
gagacagagg gcaggatcga taaagccaag gtcaccagtc agatagaaga atggaggagg   360
agagaactgg agaatcaaca aggaaccgac gagacgctcc ggcgacgaca acagctgga   420
catgacaaaa gactcaatcg ctaataaccg agatattctc acgtgctctg atggtcctgg   480
gcgagatgct tacaagttat acaaattgat tgcta   515

<210> 3419

<211> 500
<212> DNA
<213> Fusarium venenatum

<400> 3419
cgcgaacata ctcatcatcc ttaccctcgt attgtttctt tgttccggtt cttgtttatt   60
tgatcggaag catgcaattg ccagcgtcgt ttgactggcc tcggctttgc acggcatctt   120
cggtccgtct aaattcatct ttgaacctct ttcttatctt ttacctggac aacagccgga   180
ctctatggga acatgcatga tcatggcagc actgctacga cgacgcacgc ctattcgtat   240
ggaaaacacc ggctcttggc agaaaaagac atctaccaac gaatttcctt tttccaacat   300
tcacctagac ttgtttgcat ggatccttgg ttactagggg gtcactagac ggtttctccg   360
tatctggcac ctttccccag acacaacttt ggatcattca cccaaggact actactacga   420
tttgaacgac agacgctgtc agctagctct taacgacttt cgaaaattct acggcacact   480
gcgaaggata taccccgcga   500

<210> 3420
<211> 338
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 3420
nngcgtgcca actacacctt tgttaacccc tacagctagg gttaagacaa tgaaagcaac   60
tcaagccttn aaatattttc catcgacgcn gaccctacca cctnttnaat tgacnaanac   120
accgaggncg cataatncta cacaatttac caccaggagc atacctcant naacacacng   180
atgggctggg cgncattgct tggtnaataa agaaagnacg tttnggngtg gacagangtt   240
attggtcacg accacccctg ngatctccca atnacaagcg agtgntncca gttgnttnaa   300
aggtgganaa gncaatacca cgttcttggt gaccctttt   338

<210> 3421
<211> 1097
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1097)
<223> n = A,T,C or G

<400> 3421
ccaagccacg ccaaaaatgt acaagactcg attctcacaa tggggattcg tcaanaataa   60
caccgaggac gaagtcaaac gcttgttgtc catgaagttt caacgtgatg ctgaaggaaa   120
ggtgtcanaa ttcgttcgca acggaaaagt tgttaatctg ggtacatatc tgaaaaggaa   180
aggcgtaact gaatatgatc tggtcgattt cgagttaccg gctgatctgc cggcacatat   240
ccgatgtcga accccaactc cacctcccac gccaggttac cttcagtcac cggatcttat   300
ccgcgctcaa naaacaatcg tcaccaatat gaggaaggct ttcctacaat gcgggcaatt   360
cgaggtggaa acagatgctc aagttgggtg gcagtcggtt atggtttggg gagccgggtc   420
cagtgatctt cttctcgaag ccaactatta tttcgaaatg aaggatcacg atcaaggtgg   480
tgacttcttt gatgaaggca ttctcacaac tcgagtcgga tttgaagaag ctttccccac   540
aaggtatcat agagctgctt ctaggcatgg ttcatcgnga tccaggcatg atgactgcgc   600
tttccaagta tttctcggct tattcgatga ccaacttcga gcgatcgcat cccttgcggc   660
agatctttgc ctgttatat gaggtccagc agaagcatgg cccacagaca ctctcggagc   720
tactgtgggg aagcataacc actattgctg aggaactgga agctatttat gggcgcaagc   780
atccttatgt ggctcgaaca tgggtcgatc tgccatgttc tacaaccacg tcagccaaaa   840
agagattgga naaactggtg ggagaactcc gacttttgca gcggcaaatg gagcaccaac   900
ttggtgtcga aagtgccnac gttctcgtat tgcgatatac aattatccag ttgatgttgn   960

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aagaacgtnc taaatncgac ccgacgaaca agcgaccatt ggattttttgg cnttaatttg     1020
aaaagggatn gggattcctt tttcctttgc cgaagccagc aaccaantgt ttttttnttcc     1080
nccgtccttt ttaaggg                                                     1097


<210> 3422
<211> 248
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G


<400> 3422
nanccgagga catnganaaa gtgccctggc cangnttgag gaaaaganca tgtatanaca       60
tgaattctcc gtgagactga ccttaggaga ncgcngacct gnanttgtcg agggaggata      120
tcgaaaagac gacttccttt tatnggactt aactgggatg gggagtagca atgcccttct      180
aggaactnct gggctttcaa aagaaccacc cctnatnggg gggccaattt tccttcccaa      240
nggccaag                                                              248


<210> 3423
<211> 134
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G


<400> 3423
aaataggcga tgggaatctg atgacaggta gttcagtttc tggtctcttt atacacaacg       60
acttgaactt tataagcata gcttgagacc gcttgacagt ttanagactc cgctgtctta      120
tatcccacca cttt                                                       134


<210> 3424
<211> 639
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G


<400> 3424
ttctggttta atttgaccaa aaatcttccg acctctctac tcattgaagc gaaagtggaa       60
tcccctttttc ccttttccct tttataagaa tacacggctt ggactcatac aaaatccgtc      120
ttttactcgc atcgcactct cttttcgtatc agagagagat tgcgtgcaac cgctgaggct     180
ttgctcttgc gggagacnaa aacggcatcg cgcttacacg ttcacaactt accctatttg      240
gcaatcaacc tttgagcaag agtcgatgta gttcaagact cggcgaagcc ttgaaacttt      300
gctcgctttt taaactctct tactattctt aaaatatcac attctcgacc aactattgca      360
tgattccaca cttgggagtc tgctcaccat accgaaacaa tgtcgaattc catcgccaac      420
tctggctcta tcaagcctcg aagagaaccc agagacacag ggttccctga gcctctcaac      480
aacttcgca acacaactct cccacatccc gatgcggatc tttcaccaaa cgcatgcctt       540
atccaagaag atattgaccc cgattcgggc tcttatgcga accccgggga tntttctnag      600
gaaaaagcga caactntgaa ccntggccgt ttactccgg                             639


<210> 3425
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<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 3425
aatnactttt tttttttttt ttttttttng ggnccaaaaa cgagatcgta atcaagtgaa   60
ttattctaaa tagtcatnaa tgngcctcaa aaacttgctt ccaaattatt tcatgatcat   120
gtataaacaa ccctcaactc tgacagcaat accggaaagt tgtttgacaa ccaactntgc   180
gttcccaaga tccaacaaac cgatntcatg agataacatt taacaattgt atgtgcagat   240
aaaacattcc atcgncaggc cacagtacct gtttcataaa gagaaccaca caatttacat   300
gcggtaggag agaatgactg ctgntccgtt cagtgtccan ngccgtagtt tgactgcgca   360
tttgacaaaa gtcgctctcg ctcatcatct gntttcatnt caaccttntt ctccacaaac   420
atcctaccct taatggcaac gaatacggta aggatgatac cgactagggg tnccaacagc   480
gcccancggg gcgttgatag gtgttggatt tcatgaaacc gggcccgngg ggtgancgcg   540
tcnanaaccg actggacaac ttgagtgatt cccganacnc aagg   584

<210> 3426
<211> 524
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 3426
gaatgaatta cacactgatc ctatctatca acggaccctt cactctatca ggccccgata   60
actctttgtc ccttgacaaa agcggcaatc ttgtgtttga ggccgatgga tgggaatacc   120
ctcttcgtca cgtcagcaac gacnacgctt tgaaactgga tccaggtcat cctggtcgga   180
tctgggtcaa cacttcctca tccacacacg agcccgtcaa aatatcagtg cctgctgaga   240
ttactctaat ggcagatgta ctccatggta cggtggtgtt gactggctca aagttgatag   300
gaagatttga agttttgtc tttggagggc ggaacacgca gttcagctgg agtcagatgg   360
cgtttgttgc gcccctggat gagatcaaag gggaagtgag tggcttaact ttgaatgcat   420
ctaccatgtt ctccgcgatc gacgcagatg agaagacgtc caacgttcca gganaganca   480
gcgctgttcc cacgacagat ttgccaggct tgattacggt cttg   524

<210> 3427
<211> 263
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(263)
<223> n = A,T,C or G

<400> 3427
aattngattt tcttaaanac cgtcngacgc tagataagga gtaggcagag gacgttatat   60
acaatnaact tggcgagatg aatgcnatta gagatgacac tntccaagct tataaaggta   120
tagtcggagg gaactgggaa tagaaacaga gtatgataga tagagcgtca gtctgattag   180
gcttgagcca ccttgccatg gtcattagag caggcagtac tcacgaatcc ttgtggttct   240
tatcaaaatt ataatagttt att   263

<210> 3428

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<211> 288
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 3428
ggaattttgc cgatggtgan gganaaaaac agttgcctac tgnnccgagc tcgcccgtac   60
agcagcagtc ccagcctnag tgtcaagcac agcctcnanc agaacaggac tctcgcatgc   120
gcctgcattc cctcttggat taattgttca accccaacgc gctcaacgac ttcgccttgt   180
gccgagctnt gtttagagga aacattggcn gncatacaac acatttgatt ttngacaaan   240
gaaaatccnc gcctttaat ggacaggtac cgagttaggt gccaacat   288

<210> 3429
<211> 523
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 3429
cgtgcaacca acccgatcc aacgtcggaa ccttgagccg aaagggtttt ggcaatggat   60
caatgaaata tgttccacac gagaggacaa aaggccacag ctggcccatg aagcacacga   120
atctcacttt ctccggctca cattttcaca acctatgggg ttttttcttgc atttcgagat   180
accaggaagg cgttgacatt ttatatgggg gaatgggaac acatacacaa cagcacaaga   240
acgaacactc ctcagtgacn aatggggtca cggtatgggt acatgcataa gcgggctgag   300
cgactgttgc tttgcacagc gctntcagta atgtcataag gacatgancc gactgcttac   360
ttttcgattc aatcttatat tttactgcat tacgacacgg cggcctcgac taagcaatct   420
ttggttacat ggaaatggat ggattgtctt tgcgattaat cttggtttga acaagttgta   480
caancatcag tgttggcttc aaagtctgga tataatatgc agg   523

<210> 3430
<211> 591
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 3430
ccatgtctcc aatgcatcaa atcaatttcg aatcgcaatg cttttggtat ccaacactgg   60
aaactgggaa cacttggatt gaccaggaaa cgcagtaatt cccttgatgt tttggtgtct   120
ttttgaatgg acgtggtgat ggggctttat ttcaactctc aacctttgtt cgatgtcatg   180
ggaacttcac ttgcctttgc cttgcgatga tgtggcctgg ggatgctgat aaggctgagg   240
actgtgcttc ggcacttggt cttcacgggc cagatatcgc tcggcaaaag aacccatacg   300
gcactcaacg aagcaaagca accggagatn gattgggccc tcaagaccct tttgcaccca   360
tcttatcaga tccaacctgg aagcacaaac ctttatggaa aattgtcct tatccacggc   420
atttagctc tgatccggcg ggnccagatc gacggccatg cagctcaatt gtccaaattt   480
gacacnccac ctcccaatga ttggatgact gcactggcgg caataaccgg ccggggcact   540
ccacttgaag gggcggcagc caacgtggaa ccccaaaant ctgcagaccc t   591

<210> 3431

<211> 330
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 3431
ncgcctgtgg agtcgaaaac tcctctccat tcgncatcaa tcatgcacga tggactatag   60
accgaatgtc atcgnctcaa tatcaattac tntgccactt gcagcgactg tcctngnact   120
tcgactnttt gcgcgacggt cgacgagggc cggatatgga attgacgatt gcntggcggn   180
agatgccttt atcggagctc tnggatactc gatagacaat attgantggc taataggctt   240
nggactcgga gtaccactca aagatggccc agcgcacctn acccacgacg agcgactcga   300
acgatcatat gacctgacgt ggatcagaag   330

<210> 3432
<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 3432
atcaaggatt atctataaat aaacatggcc tcttattggg gaagcggcac cactgcccag   60
gtccatattc tgggtttgaa ctgaatgccc gtacagaatt cncctttcat atanccccgc   120
aaccagcctc tcaaaataaa ataaaatttg ggtggcattc cctgacatca acaacctgaa   180
gacccaatcc atccatcttt cttcaagaca cacatctaca aacatgaact tcaccttgtt   240
ctcgggtgtt tctgancagc ctcgtttacc acatgacccg tcaactgagt cttttgaact   300
cagggccgtc gcgggacccg atatctggcg gacccttctt gtgctggagg gcgagacaat   360
ttcaacggtc caatctatgc aactcctctt gcactaaatt cgttcaaaaa ngccaaggtc   420
acngtatcag ccaattttca cgccccatac tcccanggcg gtcttattct gtttatgccc   480
gaatctgatc cgactgtcga taccgatggg cagtcgtcgc cccttcactt ntcnccaagt   540
acatggatna aagctggaat tgaactcctc gatnatcanc attt   584

<210> 3433
<211> 313
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 3433
cgcccacatg cctgctcccg tttnttgggg tctgacnaat atcgcgggtt cgtggtacgg   60
aaagtggtgg aagttttcga gctgtgactc tcaaggcaaa ccacaagaac tttatgctct   120
ccgtggcttg aaagagtgag ttgggggttg tcaatgactt atctagacgt ggattctgtg   180
attcagggcg ttgatgataa gcgaattgat aggactatcc tttgttagta ttaaaaacag   240
agangtgaca agagccaatt tctttgacct tgttgacaat ctttacctga tattctatct   300
gccnaaaaaa taa   313

<210> 3434
<211> 145
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 3434
ngacaagatt ccctattctg ataaccncta ggtncccccc cccncgaanc ccggntgggg   60
tggttaacta agaanaagat atacccccant tgcccaaacc tggatggttt ttgcaatttc   120
ttnnctagga ctttcggggn ttaac   145

<210> 3435
<211> 307
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 3435
tctgagctct ccatcttcta catcttcccc acgaaaaaac tctgaccata tatctcgtgt   60
gaaatcactc tcgcggcccg acatagctgc gagctacgct tgcgtttccg tcttacactc   120
tgctttctta tcgatttccc ggctccgccg cccggagata agaaacgact acgcttaagc   180
cgnggcgccc ggtttntttt ttgttaccac caacctcgta cccatcaact tgntcgaggg   240
attatactaa nancttgcgg ctcattggga tangaactgg gggantaaat aaacttgacc   300
aactttg   307

<210> 3436
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 3436
accagtagtc atatgcttgt ctcaaagatt aagccatgca tgtctaagta taagcaatta   60
tacagcgaaa ctgcgaatgg ctcattatat aagttatcgt ttatttgata gtaccttact   120
acttggataa ccgtggtaat tctagagcta atacatgcta aaaatcccga cttcggaagg   180
gatgtattta ttagattaaa aaccaatgcc cttcggggct cactggtgat tcatgataac   240
tcctcgaatc gcatggcctt gtgccggcga tggttcattc aaatttcttc cctatcaact   300
ttcgatgttt gggtattggc caaacatggt tgcaacgggt aacggagggt tagggctcga   360
ccccggagaa agagcctgag aaacggctac tgcctcaact ggttcatncg cgaattcgaa   420
atgcacgggc gaggncccaa cattatttnc ngcatctttg gcgtcatnca aactgntctc   480
tacattgact ttgcatgggt ttactacact tgccagcgcg taagcttcgc ggnggcggna   540
tggttgatgc ccatgatatg aagccgcaac ttggcttttc cgccgcattt tttgnaagcg   600
cttngctcat gacnagg   617

<210> 3437
<211> 344
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(344)
<223> n = A,T,C or G

<400> 3437

```
cccagaaaaa gcaccatccc agacaccaga taacgacgag tcgccctaaa tcatgacgac        60
ggccccgtct tcgggctctt ctcggccggc aactctatct gcatcagagt caacagcacc       120
agcagaaaac tcattgtcat cagccgggga agtccctatc gttcctactg tggagatcca       180
gcacttggcc cgcttcgaat tcagtgatgc tggcacaaag gttcttatgg tggaatggta       240
tcctgatgct gtccaaggcc ccgctgcatc tgccgatcct tccgccgatt cctccggtga       300
acgctccgtt ccaactaccg atcanggttt ccgaanngaa ccgg                        344
```

<210> 3438
<211> 1013
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1013)
<223> n = A,T,C or G

<400> 3438

```
ccttgtcgga cacggaagtc acactccgct tactaaccgt ctcgatctcg gctggcacgg        60
cgttcggaga ctcactcact aattgtctaa cctctattgg tcgaatttcg ctgatgattt       120
gggtgttagt tgtgctggac tgcagctcca gctgttaaan aaatgctatg tcaccatcaa       180
tctcgttagc atctcgtcct gngggggcga actaagggtc agcactgact gagctcccca       240
ttgctcttcc tccacgtgcn aaaatgactg gttggaccaa gactcgatgg gtaggcatgc       300
aggaaacaag atcggacgga tttgatctct tatgattcac caacaccgct ttgcatttgc       360
attttgcctt gcttgacctt gctcctgtaa tatccttgct atactaccat atcaatatca       420
actctatctc actggcacca accctgatcg gatactctac cgactgcagc acagtagtcg       480
actaacttga tcttgactgt ctgacgatca actgagatca ttgcatacag ctagcactag       540
cagatgctct tgatgaggca ccttctccgc tcctgaggcc tctttgttgg ctttgcttta       600
ttatatctcg cttaccacca tccagcattt acacaatatc ggtattgcac actgacttct       660
cctatacatc cacatcgctg tctatatacg acacagtcta ttgagacatg acgcctgata       720
acagcatcca cgccgcccac ctgccatcta tcgaacccgc tcgaagtagc tcaaggcact       780
cgaccgcaca caatggctcc agcaccgctt ttgagcctgc catggccgat gataatgaga       840
ctatcgctag aaacgtcttc gcacatgacc gatgtcgaga gtcagactac cggcaccgga       900
cgttggcagc ccaatcccat tgacaatgga tccgtatgac cttttccgng gnttacaaaa       960
caanagtctg gacttcgccg atatcaaagc cacacgttgc ggnagcgggg atn              1013
```

<210> 3439
<211> 535
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 3439

```
ngctggcgag gcatatatct actaagcttt cattttgata ccacgtcact cttcaattcg        60
ttttgaatat ttcatcacta tcgagatccc gctttcgtct cattgtaacg ctccctggct       120
gtcaagtctc gccctggaag cgtttaatat tgattgagga aatggctcgt ctgttgtttc       180
tcacgcgcag atgattgaca ctagttcatt tctacaagtt caaggtcact ttgatttatc       240
ctggttcttt tcatgcgcgt tctacaacaa atgcgtgtca cgcatgtctt ttcgcgggtg       300
cgatcgacac tatataagtg gatgaagtaa aaaacatagt atcattgctg gtgagattct       360
tatcaacaat tcgttcgctc cctgcctggt tcctacatcg actcacgtct gcgccgtggg       420
acaaactcga cgtgtcatcc gtgtttacat ggtgttgnac agacatcatg acaagcatgt       480
cttgacccga cccancgaat cgggctgttg gggatgttgt ccgtccaata tcgag           535
```

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<210> 3440
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 3440
```
ctttggcgag aggttctctc gaaatgtcaa ggctcccgaa tctcccccac aaagtccagc      60
ttgggtcctc cgaggacttg tacttgccag tgttcaagca gcaggccact ggatcgcaat     120
caatactatt cagagtacac caggctatga gagtgttcct acattgcaac tgatacttct     180
cttgtgcaca atgccccgtc ttggctggct cgcgatagca ccgaaagaaa ttcattgttc     240
cgaatcaaaa gatctgaccg cggcatgttc agcgctctac gcggagggtt tcctgcagat     300
ccccaacttg tattcaatga ctacggtttt gaattatgga tttcgcaatg gtttctattt     360
cggtgttttg ccttatacag agttgggata ctccgcttgg atgatgtacg gcgggancgc     420
tcctgtggct cgttgctgtt gctttgattg ttgtaattgt catccgaatc ctgcgtccag     480
tattcgccac ccatactctc atatacacag tatcagaaga actatccaag tgcganggca     540
ataaatgcac atcaacaaat gaaagaaatg aaactggtca cttgttgatc                590
```

<210> 3441
<211> 913
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(913)
<223> n = A,T,C or G

<400> 3441
```
ccgacgacga ccgagacgaa gacgttacct tacgtttatc accgtgttag cccatcgcca      60
acacgctctg cgaatatatt ccaagctgcc catcttcgtg aagagctgct ttgattaacc     120
ctgctccgcc atttactttg gccccagacg acgaccgacg aaccaccgtg tccgtcctaa     180
aaaaaccgac tccaaattca ctgatcgcgc gcccgcttgg ctgccccaac acaaatacaa     240
tacaagacga cgacagtacg acgacgagaa cattacttct catcttcaaa agaaaaagaa     300
aagacgatcg agtggcctgt ttgctactct tgacctgttt attgtacaaa ggcgacgaag     360
cgtcacatat ttgttgacgc atacctatta tctcggacga aggataataa caaaaactcg     420
cgttgacggt gtttttgttct attctcctct ctggcttgcc cccattttct gacgccctgt     480
acctacgtct ctttctggta cagttatcaa caaccaaagt cggtggccca ctgcggcaac     540
cacgacgacg aactgttctt gtccctgtat ttgacgtgat ctgattgctt tgcaattcaa     600
ttcaatatcg acaatctgct tgattcgctc ctctgctcga ttcgctttca gctctcgaaa     660
gcttccgcag ctacaacaaa gcctctcgct gatagaagag acgtgatccc ttcacgggtt     720
ttttgggaag ggcatctatc catctgctat catattccac tcgacaagtt accccccgca     780
gtggttctga taagcgatct tgaatgccgc cttcttctcc ccacgcgaac ttcctcantt     840
ctacgcgggg cctcgttcgc cagcaatatc tcnaaatggc gacaccaagt caattcaatc     900
atatcaacnc tac                                                        913
```

<210> 3442
<211> 802
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = A,T,C or G

<400> 3442
```
gaattttttt tttttttttt tttcaacgcc atcacttcgt attcaagagc ctactctaca        60
gcttggaact aacccgtatg gtgtacgtac ccgttagctc tatctccgca ttcaaccctg       120
cccctgctag tccgttcatt gcgcggcaca gggggcagtc tcccccgtc ctgggtctaa        180
ctacactacg gcatgtttct tctgggtacc tcgtgctcca gtcaagaggt gatgctcgca       240
accgggtgca caaacgagtt gaaagcatat tccggaagtg ttaatgtcgg tcaagccaaa       300
caccacgacg cggggggttcc ttgngggtct ttcgtcaaca atcgcggtca agccgggncc      360
ggggtgatga cacttcttct ggtcttcntt ctcgaccact gngggctggt taattggggg       420
tgtcaaaagt acaactgntt tggncagctt gcttgttggc gcttgtaaan gtgctttgat       480
gccccggtac cgacgaaata cacgacgatg cgaaccttnt gttaactgnt tactggangg       540
taaaatgacg ggcagcaagg ggaatacccg ggatgggcgc caacatccgt cgngtcnatg       600
cttnaanacg acttttttatc ggttttggtt gcattaaagg atgtggatct cattattggg      660
actttgggga naaaacccaa tcggggggnc ggcctccttg gcnnaaaacg gggtaaannt       720
tttggacttt gggtgaaant ttgtaaccng gaaggggggaa tttnaaatcg ggggtccatt     780
ggnatttggn aanctcccca ag                                               802
```

<210> 3443
<211> 300
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 3443
```
gggaagcaca tcgaaagaca tcaagagaca tgtcccaagc cgtacgactc tttgtgaaca        60
gagcgaaccg agctttacaa ataggggacg tgcatgatgc cattttgttg ataatacatg       120
taggtatgtt ggttgagaag agaagatatg atatgaatag ttttggcggc aaaagggat        180
gtggatggtg agtcanttan accaaagagg taaatatgta gtctgaatgc aggcctaaat       240
gcatgcggcg tagacaacca agatctcaat cgtcaaacct acacaataca cgagatgcan       300
```

<210> 3444
<211> 152
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 3444
```
ngcaagtgtg ttngaaaaac tnactgccgg ngaccacgtg gggggaattc tnaccaagtt        60
cctnagcgcc acctacanat ntattataca cngcctcngc cttcgcgcan ggcttcgttc       120
ngatccaatt tcggacccct gggagaggag at                                     152
```

<210> 3445
<211> 119
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 3445

natggggnaa cctcccaacg ttcaaaaaga agttgnntat agcctttcgg ggccatatac   60
acagttatcc aaaacgcgac tcncttgttt ttgnngtggc tggcccgaaa taanaaaag   119

<210> 3446
<211> 170
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 3446
ngatttattt ngacntggaa cgtaatgctn nccaggatga ggnacagcta tnaggaatca   60
gaggcgtcaa anaagcgcat cgacagatgt tntgatcaca ctatntctgt ataacctata   120
ctctantgcc tgtctaggtt gtgcttactn gacagtntca atcaccctgg   170

<210> 3447
<211> 336
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 3447
tcanaacagg accctggaca aggcagaagc ggccaggcaa aagttgatgg atttgcgaag   60
tcttttcaaa tgaacgacga atgggcccgg ttcatggagc agtaacgact gcatggaaca   120
ggagtttttg gtgcgatttt tttcttatta ctattttct tgcggacttc tcgactcact   180
ggcagcgagt cggttcaggc tcaagtggca tcatcctggg gcgcgagtgc gcaaactttt   240
acgggttact ttattcgttc tggggtaagg ctatacttct tgactctcac gagatggttt   300
tattatttcc ggcttgcatc attgggtttt tttttn   336

<210> 3448
<211> 338
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 3448
ngggtatcga aactngagcg tnttntactt ggacaccacc ancncacatt gggtcgttgt   60
gtgctccatg ccttcatcaa acttgcggag tgctaccccg agactggnaa ggttgggctc   120
ggaccataaa cntttcatgg ccccaanaag gctcttgtaa acctttttac tttagctgac   180
ctgtaccatg gtttagngga gggcgtaaat aaatatctca ttctnggncc ataacggagg   240
ctcaccanct tcctggcgat tttagactct gtgctgatgc gtgctgagta aggggaagag   300
gancggantg gatggcacaa ggggnttaac ccgaaggg   338

<210> 3449
<211> 462
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 3449
gtgcttctat ctatcgcctg tccttcttct cttggggggc ggtccttttg taaccggcac   60
nctggtctgt tctaccataa gcaatacgtg aaancggagg catagaacag ccgtgttttc   120
actcgctgaa ccttatcagt catctggaac tgttttgagc caactctcnt gacatccaca   180
atgancattc ccctctggtt gtcttcatng atcaccatnt gtnatgcntg cgttgctttt   240
cattccggct tattatctcn cggaagacga caacccntct ctagaanatg atttactact   300
tgaggttctg tattccgcna tgaggtagag ccgtnactgg atgctantga tattcttggg   360
ccgcgaagtc ntcgattcga accagtacat taaaaggtgg acttacttcg angctcacca   420
tcctcacagt attgcttcgt ttgctctttt naagttcaac tt   462

<210> 3450
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 3450
ccagaatcaa agctaagcgg tagatcgcta tccccctttt attccttctt cttaatccct   60
tgtatcggtc tgtctcctca cttcttctat tttcattgcc gtaatctcgt ctgggaccat   120
caaactcttg actaaaaagc caagccaggc tgtgcatgag gaaggttttc cttgcttgtc   180
tcacaattca tttcatccca ccgttccatt catcatacgt ctctacggtg actttgacat   240
tgccatcctt tactttaccc acttccatct tgtcgatctg tcgatagcta caaaaggtgg   300
ctcctcaaca ttggtctggt gtttctgcag caggatcac aagcagggcg accatacacc   360
gcagatcaca ctagatcttg tattgtgttt cacccatact cgattttagc ttgccttcta   420
tctaattact ttttctccgt ctttgatctg acctggcctg gtcttcttct ggatttgnac   480
attcgctttg gtcctgtacc acttatacca aacgagggcc tgcttcacga ggtggaaccc   540
aatcagtgcg cggacctgag ctgtgaaagc ttgtcatact aaagcgactc gactcctatc   600
gcttggtgac ccaatacttt a   621

<210> 3451
<211> 495
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 3451
tctggttccc agatgttcat catgtaccag gacggaaaag ggcaacgtca ctctgaagcc   60
caagaaccag gaaacaggcc aatgttaatg cccaggttac tcgaaaaatg gatgggaacc   120
cgaagctgtt tggaaanggt tcnggaatt caaggaataa atgaagaatg aattgnccaa   180
cgtttcgaat gcaacgaact ggcnagaact ttgaaacctc cnaggggttc tgacttgttg   240
gatcgccgcc tggctgttct ggcgactccc tgggcttcga caagccctc cgaanccatt   300
tctcngcacg atgaaaacct acctttgatg tcaacttgcc aaanccgat gactccatag   360
caacccgtnc cttcccccac acaatcaagg nagctccnct ctgtgggct gcttcgaaaa   420
atccaccgcg gtgcaagcaa cacggttaac tggtcacngt atcatatttt attgttttca   440
tccctggata cctct   495

<210> 3452
<211> 565

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 3452
ttgggagtcg gacgaggaaa accgcacatt tccaacgacg tgctcaattg gtagcacagc   60
agctgtgtca ccagacgagg gacctctgat ttcgcggttc gccacgtcta cgtttggccg   120
caacgagatc cgaccacagc ggaggagcgt cggcgttgca atgtgaagga atgattggag   180
tacattgttt ggtttatacc ccgcgttttg caacgttttt gatgacttta tttacattcg   240
atgataccat tttaccatat acgatagcta ccacctagct agactacgtg gtacttcttt   300
ggatatttga cattgcggta atggataatg aattggggga actggttcg gataaaagga   360
tggaaacctg ggcggcaggc ttgctctaaa atcatgcatg ttacacgatg gccactttca   420
ataggcgagt tttgcataac ggtgtgatgg aggcattgnc tagatagtca cagttatacg   480
cctaaagcgg tttnacaaag atggtacatc gtcgaattct ttttttttt tttttcaaaa   540
gttttntggg gtnttagttg aactg   565

<210> 3453
<211> 139
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 3453
naacttccnn aacccccgcc ctnttcaaaa naaanatttc acccatnaca tgggcttaaa   60
atcttgacta gaccttttcc ttcccattaa caaaaacccc atgtatggtt ttacagaggc   120
ttgccnccga tgaagttgg   139

<210> 3454
<211> 136
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 3454
nctggcgaac cattagctaa ngatcttctt ggtcaagaac ctttttgnat gatcgcaant   60
aagatggccn aactgatatg gctttttgtt natctggatg aagtccgtac cttnactagg   120
angacgaggc ttttaa   136

<210> 3455
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 3455

```
nataccgnang cacnactaac aataactgcc tcgaccaggt cttgnctgtn ggcttactga        60
nttnggtgat aacgcgaann tcaactanga tcaaccatcc acaa                         104
```

<210> 3456
<211> 350
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 3456

```
nantatgtcc attnactgrt gcttacnagc gaacggactt gngcccaaat catgaagatg         60
atggccggca tgctagcnat accnagggan ttacgggncn actcgatcgn atatagctct        120
tgcntgatga aggcaatngc actgctgacg agcttgtnga ggtcgtntca aaacctgctt        180
atntgnagct tttaaacaga cctctccagg ccaaatcttc gcttacttta tggtgnacna        240
ttacgtctaa aacanaantg gtagcgagtt tgacaatttn cngggacnt gcattacatn         300
tgctcgcgct gcanaatgtg atcttncang gacctnttct gaacttcgnn                   350
```

<210> 3457
<211> 507
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 3457

```
ngaggaaaan taaantttng cccaagggat ganaccggcc cggacttgat ttgacatgag         60
gcgttgacat gacgatntat ntcaacactg aacaatgaat gactttcaac gcaattggga        120
tctcgaacga aggatgtgan ccatgcttat gaanagacca tatcttaagc tgngtttaca        180
tcgtcatgat acagcatctt tagcttnttg aaccctatca agggctaccc gttccaacaa        240
taaaagccac gcccggttag ctcaatcggt agagcgtgag actcttacga gtacccgatc        300
tcaagggtgc gggttcgacc cccgcatcgg gctgttccta taaagtacga ttgcaaacaa        360
gcgaggcact tctttttttt ctctctncca tttttggggg antgggtttg ttggaaaaan        420
aggagggaag ttgnggngaa aaattcggtg acctggggaa aaatnggctt gnttttttga        480
tcangaaact ttttaanaat ggccgcc                                           507
```

<210> 3458
<211> 353
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 3458

```
ggaaccgngg cagccttgtg tgccgttnat naccggctgg ctgtgantga acatggtctg         60
tttgcgttta cttggracat ttatgatgag aacaccaatc accacanaac attgaattaa       120
aaggcataag cgggtatttg tttttatggc attatcttgt cttggttgtt gcaatttttat      180
tcaaggccca agaccagaat tncaaattaa atataattaa ataacttaac tactaagctt       240
tgtatataga tatgaaagta agaggagtga cggtttatta caatattgat taggtagaat       300
aaagaagcct tcaaatatca agantgacaa gtatcattta tgattagaaa aaa             353
```

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<210> 3459
<211> 176
<212> DNA
<213> Fusarium venenatum

<400> 3459
ccttcagtgc cgtgtatcaa atggcttgag cgggacagaa caacgggttc gagcagcaat   60
gcaatccctt cacagtatca tatgaagctg ggttctggca atatgattat tgcaagtata   120
aagataactt ataaccaatg ctacactgta atacttggta taccaatttg acaccc   176

<210> 3460
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 3460
nttttcntg cggccnganc gagcattgcn tnatagaggg cccaatntcc cccnatagtg   60
gngtcttatn anaattcant tggcccgtct gttntaanaa cttc   104

<210> 3461
<211> 273
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 3461
ctctcgtaat aaatccatcg gagcgagaaa tgaaactcaa aagcgtctaa tgcgaaactg   60
tccgatggag tgaagggaag tgtgactgac ccttgaggcn gtgtatcttt ttgggtctca   120
caaggtaaaa gaggatggat gctgcgatgt gatgtgaaag ccactgagtc caacaaacat   180
ccagatacag caggtggtgg ttttgatcag cggattgata cccaacaacc agtattatgg   240
acagatgctg ctattattat gacagttgtc att   273

<210> 3462
<211> 239
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 3462
ctctccgtt cctcaccttc gcctctcctc tgcccgtgac gacaacctct gcctcacaac   60
ctccaaccac ctttggatat atcgacactc gcatctcgtg agcctcaaca accgacaacc   120
ctctttctt caaccttcc ttttccggtc cgtgggtggt ttgggtnatt tttttccta   180
cgagaccca tctttntcct ccttatngac tccttaacct tttggcgatt cctcgccgt   239

<210> 3463
<211> 220

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 3463
ccaggtcgcc gttgaccaag taagtgacgg tgagtatgtc tcgagacgga atcccgtccg   60
aatgggtaac gctgcgccca tcgcctacgg aggctgcaca gcgggccgta gctgtcaacg   120
cttgatgcca tacaagaacc tctaccatgg naattttntt cggtcttngg ncatttccat   180
ggtcntgctt naacggaaaa naaactgtnt gnacgtacca   220

<210> 3464
<211> 487
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 3464
ttttgataaa aacaaaacaa aacaaaagtc agacaaactg taccacattt ccatctcttc   60
tctatcacga cttgtacgac gccatcacaa caagaacaac cgctcccgcg tccgctagag   120
tagagctgct aaacccgca tcgtcttgag tccagccctg ttctgtcaag acaaatccgt   180
tttgtcttta taataatatt gcccgcgctt tgcgacatac tacgccaaca aaagcgcacg   240
tttttacga tcacgactcg cacgacttta agacggaata gctatagact agatcagcca   300
gatccgtcct tagctgaatc gccgctaaaa ccaactacga cgctctcaag acgttttaat   360
ccaatccaat tctcatcaac aaagttagcc caaggcttct naacctcttc tttcaaaggc   420
gaatcgtcgc gccttagcga caaccttaca ggcatgtcta ccatccagca acttaagaat   480
ttcatcc   487

<210> 3465
<211> 206
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

<400> 3465
nccccggcaa naaaaccgcc gttttggcna caggaaaaag cgctccaana cccgcangga   60
gacttactnt tttacatnta caagggngag tttaatcgcc ttttacctat gntcgntaaa   120
acccgtgggg cnaattggan tcctagncct aaagcnggtc cntccgncac tggntttcna   180
angcccatg tccntcctga ctcctt   206

<210> 3466
<211> 123
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 3466

```
ntacaacaag gaactttant gtnagacata ccgacacntg gacccgcttt gngttggatg      60
gaccgaanan aggccgtcaa caaaggcntg ggatatttgt catttacaaa cgggtttacc     120
ntt                                                                   123
```

<210> 3467
<211> 105
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 3467

```
ntaaaaacct ntaatcatac cttgtttcgn cgaaaganct taangaggcc ctttataaga      60
accctccgnc aacgatcagc accgatnctg gagttattcc tttct                    105
```

<210> 3468
<211> 580
<212> DNA
<213> Fusarium venenatum

<400> 3468

```
ttctttgtct cgtccacatc aagcacccca cttacaaaca aacatcccct tttttggtgc      60
tgaattaaat aaagacttca tgagcaatca atttgatcat tgatgaatac aactgactct     120
tcttcttaat tgtactttta tacccccat ctttaatctc gaccgcttga aaaacgacat      180
ctgcttctac acgacatcga tcctcacaga tcctccttca cgaatcttcc attgcgatac     240
ttctcaaaac atacgctcga gacttgcgcg actcccaatc gttatgcgcc tttgctgtta     300
gcagctgaaa tccgaactca aacactggtg gattatactt gggaagggaa aatatcgatt     360
gacccgtcgc taaacaagaa gaggaaggac aacgaccaga cgaaccacca tggtgccctc     420
ttacggtcaa ccggggaaca cgaagggact cgctcgaact cgcatctttg gcaagttcga     480
gccagctcaa cgatgaaggg gcaacagaaa tatcgtcccc gcagaatata tcgtcatcgc     540
gaaaaactat ctctcgagct tgacgaccca ttgaacagcg                          580
```

<210> 3469
<211> 280
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 3469

```
gttcttgaag gttgcacttc caagactagg aagcacagga caaggccnaa caacaagaat      60
atggaaggtt atgaatcatg ggaaatggac gaatgatttg gatatgcggt cttcgttgcg     120
gaaggcctga acccggacag gggaagtcaa gtccaggaag ttatgaaccc gacggcttca     180
gtcaatgaaa agggaagaaa ggagaggtga aataacatcg cctgtcgttg acattcagag     240
atataaagac ataggaagca gaatagacaa ggcgttnttc                          280
```

<210> 3470
<211> 725
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(725)
<223> n = A,T,C or G

<400> 3470
gagctgtcgc acactcattg agggagcgtg acacgtcggc actcggcgtg ctgagcccaa   60
caccatcgca agcaagatct gttccgcctg aggccagtgc gtttcttgct cggtttcagg   120
aatggccgct cgagaatgtt tcaatgaaac gcattaccga aaatggaaag actacgtttc   180
aattccaatt tgagtggccc ctttgcgcaa atcatccgca tgccaccagt gtaagccccc   240
attcaacccg ctcggtcgcg acgaanaaaa caaccaagcg agctccagca agacgggcaa   300
agtattcaga cgatgaagat aacttcctta tacaactgaa ggaagaagag cagcttgggt   360
gggcggagat tcgtcggcgt tttgctcgac gtttccccga atgaagtggc tcgagtctgc   420
aagtgcacta ctgtacgaaa ctcaagtgtc gtaggagaac ttgatatcat catgctcttc   480
agggtcgggg gactttgaaa tgggtgggaa ataccttaaa cgagctaagg agcgctacaa   540
aatacattgt tccttgatat tctaggacgt ctgcgtgcac gattgcttgg agttgttcgt   600
cgggtgatct ggagggcgta tgcctcggtt ctatatatga gaccgcagtc cgtacctaga   660
tagtagatgc tatttcgttt agccgaatan gatatcgata ggtgttataa acacctgat   720
aaact   725

<210> 3471
<211> 452
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 3471
naaactgacc cgtcngggtc accttagctt ttctcattct tgggcatggt tggcgttttc   60
tttgtctgac tctaactctt cctcttgact ctgacgttac atacctgatt tgntgtatgt   120
attaacttga tttattcatt ggattcctgc ttttctctgt ctcgtctgtc ttcattccct   180
cctcaaccta gccttcattt cctctcccgt cgtcctgtcg canactgggt taaactaaac   240
ctttaccagc ccagcccaac cccagccttg tgtgggtaat tattatcatc tgtcaccgng   300
ttcaagtctc gctctggccg gtctcaaaat tcaacccacc aacctcggac aaagtgaacc   360
gtgcttaatt gactgaacct gaacgaactg ccctggacag gtcaaagggt gatacctaac   420
ataaaacaat actatttatc attctcttcc gg   452

<210> 3472
<211> 139
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 3472
nngaggagag nccaccaagt tacnacgcca actcagaggg ggggccctta naatccggcg   60
aggatcnaat tcttcngga gganaacttc tgttccccca antccgcng acagaaaaaa   120
aaagcctttt tctaaccct   139

<210> 3473
<211> 479
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 3473
gcatccattc agttacattc atctcaaaga cttggctcat tcattcacta tcccatcaac   60
atgtcccaaa aagatgtctt tgacgacggg gagcttcctc cccgtatac cgaatcaggt   120
ccatcaacat caacacccat atctgaacca cgacaatcag taacgaccat cttccattcc   180
catctccaaa atcttccctt gcgtattcat tctgttcaag cagctcgcac atcagcgcgc   240
gatcaacgcg acagcgagat actcaccctt ctcgttcccc atgtcgaaaa aatgctttcg   300
tntattgcag ccaaagattc accttccagg ttgacagaaa caatnttggt tccaggggac   360
ccttgtcgga aaanaatggt tctttcagcg atgaaaatga gtcccaaaca gttgtccgtg   420
taaganaana tccaagttag taggcgatca aaaacgaccg ccaagcgaga ggncgaacc   479

<210> 3474
<211> 625
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 3474
gattctccat ttcgtctacg aaccgatccg acgtgtcgcg actgctacat tcagttcgtt   60
acctacaaac tgaacagacg ccttggtgct cttcataaag atactcgttc gtcaaaggca   120
ctcactactc ggagacatct ggctggcttg tcctttggac cttcgtcaag tgtcctggct   180
cagatactca gccaacaggc tcgacatcac tctgaaaaca aggcatcttc cccatatgaa   240
cctgtcatcg ttcacattga tacggattta tcacatgctg aaggagaatc tcctgcccaa   300
aagctgctca gcgattaccg ccgtgctttt cctcacgcca cctttgaatg tgttcctctt   360
aaagaggtac tgtctgtgag gagtatcgac tggtcaactc tacccctcga tgctggtaac   420
cctgaanaag atgcgtctgc tcgtcttcaa cgactattta atgccttgcc tacactcacc   480
gcacgtagcg atgttcttcg tctacttatc cgcaccttct tcttcanaaa gctcaagact   540
atgcctgcac agcgctctnt tgggtcacaa gcactacagc gctcgccgng ttgacgttat   600
cagangttgc taacngacga nggtt   625

<210> 3475
<211> 243
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

<400> 3475
nattttccca atacagcagg gcccatttgt tccccgaac cgnanggcca acacggggcc   60
attttcnthg accttgaata ccccnaagc gctacgtgtt ggganactgc tttacctttg   120
tagaacaact tgttcgnatc ntatcgcatg gaccaccatt ggaatcgcnn tccactgtgt   180
atcttnggga ctanacncta gcggtntttt tgcncggtgg acaaataacc atgcgaagac   240
tcg   243

<210> 3476
<211> 519
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 3476
gttttttctt tgcaatatct cggtgtaact aacggccagc tgcatcatgt tttccgcttt   60
tagatttgtg ccccgtcaca aatcgtcacc aatgaattct gctacatcac cctctcacaa   120
tagacttacc aaacggnaac tcctatcaca tttgttcaaa cctaaatgca accacagtga   180
atccggagtt acttcaatcg ctaaacgtct ttctnctttt acattggaca acagtgacag   240
caacagcgac ggngtttacc ctacacttta ttcgccgtcg tctgttgatc anaatgggtt   300
tgacacggat attgtcacgg ntgcagctaa gttgacccta ctaagcaatg gccaatacaa   360
cactgttggg actagcgaac cctcnagtca aaagcgcccc ccagatggtt cacaccaccc   420
tggtcggaac gggaanaaac ancgtccaaa caaaagcccc aacaatggag tcggnaggga   480
tacnggtgac ngaaataccn ggggaatagc agagcccct   519

<210> 3477
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 3477
ctttcttcat catcgctngc cgcgtttatc tatttaatca aagctcaacc tacatgaacg   60
tgcaatagtt gattctgcaa ccgtgtcacc tcttgaatga tctgatgata cataaaccgg   120
gttgcaaaca gnaaaggatt cgcctctaac tttattcagt cacgactgca tacaactccg   180
gatatccacc atgttggcac ctttggatct tggcttcggn tggccatctg aacaaggcat   240
ggccgctatc gcctactcct nttattcacc actggcccct cgcgatatgc cccagcctaa   300
accaaacgat gcgccatccg atatagaccc ctntattttc accttcgaag atgcattnga   360
agatctcctc gctgtgtccc aaggacaatc gctcccaaac atcaagtccc gatatgagca   420
acgaaagctc tgcgttccat gttcccaact ggngagccgg gctcttntgg ctacncaaat   480
ngagatcgca gggtctttta aaanaatcgg ccccacccgg ttgatgaanc tgttgctgaa   540
aaaaattggg accgatttca ccaagagctc gatcgcagtg ctcaagcagt atggggagct   600
gtttaggcaa aaacgagggt gcaa   624

<210> 3478
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 3478
agcaatcatc ccaaaagcga tgaatcaatc gaaatgggcc aagtaatgct atttgtgtga   50
cgctaggcaa ttgcacaata tttgtttcct ttcctccccc tcctctcacg ttctcttccc   120
tttctccttc cccatcatct attatatccg agacnacctt gctgaggaaa ctgataatta   180
actcagtcct ccaactgcta caacaaggtt cgccatcatg tcgcagtttg agcagcagac   240
tgtgccctcg gccggccagc attacagcgg ccggaaccgc gttcccaatg ttaaggagtt   300
tatggaccag ctggaccaga acaagaagca gcgcgacgct canattgatc aagaactgaa   360
tcagaacaaa attcaggycg agacaaagga tcacagacaa aacgagctg aagctattcg   420
aaatcagaag gatgttcgca ccgtgcgtga tccggttaca ggaaangatg ttggtatccg   480
anacgraaat ttngattaca aggacgctgc ganaaccctn agatgtcagt tcccaatgag   540
aacctaagaa agctgcccta tcgcaaccctn tttaaaacaa ttntggagag gagtccgntn   600
cccccaaaa tgtcactgcc cccnt   626

<210> 3479
<211> 272
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 3479
ntaancctcn aggatccctg ttttacacct aaaggtactg ccttgacact tttacaggag   60
gacactggat nactttccat tggcncaagg gtgatncctg gncccaagga cntatgtttt   120
tggnggaaac tttggtgtcc tntcctccct ggactgatag ccccgtccaa cttaaggtna   180
atgtttttagg aagcaagaaa ctaaggacct caattgccta ccgacgntgt tttgtggnat   240
tanccc ntat ttaccagtng aacttanttc ct   272

<210> 3480
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 3480
cggccagaat ggcgcctata acttcgacca acgaaccaac accaagacga tcgatcatat   60
cctgcagaac gtatccgagg agactggcaa agaggtcatc agtattatcc agaagcctat   120
tagtaccatc gaccagcaag agacagcaca agctacatcc accctcagag tttacgtcga   180
ctacctatca aaaaccctca atgcctcggc ttcaactacg tctggaaaga tccaacaaaa   240
ggtcttctcc gctgccctgc aagaactttc ccagcttgca tactctcagc ctaagaatat   300
tccagcagac tctctgacag agggtgttcg cgagctttgc cgaactcgcc tcgagtcttc   360
atttgccaag gtcagccgaa gaaccgaaga ctacggtacg ctatgccttg ccgtgtctgc   420
tatcgacccc gactcggtgg caatgtccga ggagattagc gaggccgtcc ggaacgctat   480
gtcaagaatg canaagctgc ttaagcgtaa ggcggcagat ggcaacnana agagtctttt   540
ncaggctctt ggcaatgctg catgctgngt ccgtcttnca actgtcaacg aggatcccga   600
tgctntggaa gttttcaacg atcttgt   627

<210> 3481
<211> 160
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 3481
gagacgaatg tttttaatct ccccatgttc gggatgggtt ttcatgaatt tgttataccg   60
aggcctcggg cccgtgtgag atagtaatag gcacgggaca tgtacctata anaaagccaa   120
taaggcaaat aataccaaac aaatgaacca tacacaagtc   160

<210> 3482
<211> 241
<212> DNA
<213> Fusarium venenatum

<400> 3482

```
gtacccctag tcgaggaacg ccaagacttt gtctttgttc gtcccttgtt cctggtcttt      60
cgtgcaacgt tccacatcct gtcccttgct tttttaggat atttccaagc cctgagagat     120
cattagctgc gcactcgaga atattagcat actgacctgc cttgttagtg gacaggtagc     180
tctactctga cacttgacaa cactgtacat aggtagttta gacctgtgaa tagaggcgcc     240
c                                                                     241
```

<210> 3483
<211> 479
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 3483

```
cttgcccgat aggttgagtc tctctgtcgt ctattcaatc gttcgaggat agcttcgatt      60
tcgagacatg aaagaggctg aagctgaagc tgaacagaga aggcatcacc aagttggtaa     120
aatgtttcaa cttgcggagg aactttgttc acgccttgtc cctgtcaata gtcgcatctt     180
gatacccttt ttcgtgtanc aatccgtttc gttgcatgaa ttggttgact tgtctaccaa     240
gaatatcgca cacccttcaa tgtcattacg aactttgtc tctttctcgc attcatgagt     300
ctgccttgtt gcgacaagtt ggcaccntna ttctcccatc tctngggttt gaccgatcag     360
gcatttttat tttttaangc acaaagantc atnctctttt tttcttgtta caccttganc     420
aaaaggnttt tncgccctaa ccttttggng ggcctacaaa aanngtttac ccttcccc      479
```

<210> 3484
<211> 535
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 3484

```
gcatgtctgt cctgacagat tcggaggaaa gagatcgttt gaaggggggc ggtgagagat      60
gagtaacgta aggctggcca tcanagaccg ccgaagaggc gaagttgtca tcatcatcgt     120
tttcattatc ctccacgata tcttcgggaa tcatgatcga tggcctctcg ctaaggctgg     180
atccgggacg agggctatna tctgacagga agcgccgaag agactcaggt gaaatatntn     240
ttgtgcgggt gccctctgat ggtgttgtgc aacgatactc tgtatcctcg ggtgtgtcat     300
tgggaactgg agatcggcca cgctcccccct ctgaattggt cttgcgacca aacaagcgct     360
tccatgccgc cggggctggt gataatgacc taaaanaaac ttgtggttca gtgagggaga     420
tgagccaacc cgataaggaa tgtggttggt tggtactgag ggtgcnggtc gaggtgtgtt     480
gtatttggat tcggggttca tgggtttta aatcggcngt attgtatnga tgtaa          535
```

<210> 3485
<211> 606
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 3485

```
ctttcgcatc tcatctatgg acgcatttgt acttgggcaa gaagatgcca gagtgaagaa      60
agcgtacaga acggcagtcc ttcgagtatt cgtggccgat cgtatcactc ttggtagcac     120
gaccctgctt ggcatgatgg agcttgtagg aagagcgggc atctcatggg ctttagcgtc     180
tcttatcact catggcttct catgatgagc gtatagttgt tggtgaaagt ccccgggggac     240
tcaacacttc ataatgggag agaggtgaaa cctgtgcttc atcagcactg atacgtattc     300
actctttcat gctttgcctg caaagaactg cgctttgacc gacgcgagat acgcttgata     360
cgaccatagg aacaggctaa actggcgttt cgagatcctt cacgtcagcc aatcagcatc     420
acgaactttg aagccccagt ggtgagctct ccactgcccc gcgactttca tcatcatttt     480
gactaagctc tgagagagct tggtcaagct tgtgtctttg tctgaacaga agtcaatggc     540
tacactagga attcctncag taattgcaga atgggtctta ctgnaacccg aacgatacca     600
cgacat                                                                606


<210> 3486
<211> 498
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G


<400> 3486
nttttcaaag cgtnggcgct gnttaaaggc acattcattt tgcttctaag agaccaaggc      60
catggcatac aacatcatgg ccattgagaa cacacgactc gctcactgga ataatagagc     120
gcgaaatcgt tgcacaaccc acgctttcca acaccgaaag cagaaacgcc gagcctcaac     180
atcggcacat accccctaaa cgccgcttct gcccgtcgtt ggactggatg agatatattt     240
atatgaagcc attttgggct gttgaacagt cgttttacat acctatgcca ggacggcatt     300
gcatttgctt acaggcgaag attgngactg cacttactct tatacccacc attttgcatt     360
tttcgttcgc acctggggat attattttta aagcggggaa aacagtaccg caaaatatta     420
tcatattggc tgcatcttgg ganganatta antgntcttt ctacttttgg ccttgggggt     480
tctagggtac aacaaggg                                                   498


<210> 3487
<211> 291
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G


<400> 3487
ttcctcggag ggtgggagga nagcggccca aagcgccccg aancgaatgg cgactctacg      60
acaaccctgt atggattccc aggaatggtg tttgaggttt tgaanaatgg acatgtcaat     120
actgttacag tattttgatt gaggatttgc atcgccgatt tgtttatgga gttgatggaa     180
cttgatgagt anctatggaa gctggctctg ttttgattga gtttgatacc tctgtctaat     240
ttagaaaaac atatactcgc ttgngcgatg ctttttntcc ccnaaaaaca a              291


<210> 3488
<211> 282
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G
```

<400> 3488
nactctcaag aacggcaggt cgacaccttc aagggctcat actacgccaa ctgcgcattc   60
tacattgacc catctctcga atgcgcccag cccaccgaag aattctctac tgataacttc   120
cccnaagtat ctgtccctaa tgtctgggcg cccnnaagga atcctcccaa gcttttaacc   180
ctctgtgana tcctgtngcc gtctcatcct ccacnttacc gttcttgtcg ctcntgcatn   240
ttaatccttc cctccaaaaa ganatcccng aaaccccctg ga   282

<210> 3489
<211> 389
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 3489
gaggacgact atgtgttgcg gctgacgaca tcaataggaa cacgctacac caacacattg   60
ttgtgctacg catttnattc gcgacaccaa ttgatcctct tcaccaactg caataactcg   120
gccaaacggc caaagaatca tcggaaatag tggaaacaag tacattgtgc tccaatacgt   180
acgcagcgtc acggtttgaa caccagatct accactagtg gcatctatct agtcattgga   240
agtgagggca aaagtgtcag ctcggatttt gactgccaaa acatgtcgat cacttgacga   300
agctgtcaac atctgggagg taatgggcaa gccaanacac tttgccgttg ntaaagagnc   360
tgggcgtncc cgtttttaaa tccgggcag   389

<210> 3490
<211> 114
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 3490
tgggaacaat gtanaacagt agctgcctag cagcttggcg catggtgtca tgattagcaa   60
tttacatttc tttagttttt ctattagcat aggataatac atcttgtgtc tcag   114

<210> 3491
<211> 129
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 3491
naanactgtc ctggagaccc tctcaaanaa cggnccgaag antaccccan caacnctttt   60
tangatatta gagagctcat tgggggggat ttctgacgaa aacaacctcc gggnggatat   120
ccccacttc   129

<210> 3492
<211> 567
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 3492
gacaaatcct atactttcta caaccgctaa aactgtacca acccgttggt atcaacaaaa   60
gaaccgtctt cgtttgagca agtctcccca gctgctcaac acctttacca aaactcgacc   120
cgcctttggt ctttaaaagg caccatcttc actacggctc ctccggccgt gagtttcgtc   180
agtgacaaag atttcagcct ctgcaagccc tcacacatta tcaacgcgat ccctcctccc   240
gctgctattg ctgctcgacg ataagcttct cgatctctct gtcttgtatc atccaagacc   300
cgactatcct cccccgtcgt tcttcgacac ccatcagctg ccgcatagga ggtacttaga   360
ggttcttctc tcgccgagga agagtcgagg aggcctcgcc aaatcaccga gggatcagtt   420
cattaccgtt cccgaccacc ttaacatcat ccgaatcatc gggtgattct ttttctatac   480
taccacactn acaacaactc aatcagtctc cggactcaat cctcgtcaaa aaactccaaa   540
ancaaaccgc gcaactgttt gggatat   567

<210> 3493
<211> 113
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 3493
nagatctcgg angattcnca agctactccg attccaaaac gtnncaagtg taactcanaa   60
cccanttctg acntgttgcc gcttcctgtt ttttactccc atatttactc tta   113

<210> 3494
<211> 112
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 3494
tnggaaactg tcttcgggat aaatggcntt tgggttcgnt cccagcaacc ggangggggcg   60
ggttgggtcc natgatnctg cntctgcctc tagagncact gggnggtgct tg   112

<210> 3495
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 3495
atttataccc tcttcatctg ctcatgaact tgctagtgag gctccaacct catcaatact   60
catacagccg acgccgatat acataacatc atcacacgca tcaagaaagt ggaacactcc   120
cctccagttc accgtattct caatccacat tacatcacat tatattatat cacagtaact   180
gtgactgcac tcagcaacca tacgcactat acacttgaca ttgagcaaga aagcaacaat   240

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```
ggttcaagta ctgactgatc ccacattctc tcccgccggg acaccaacct acgaggccac      300
cgatggtcct ctcatgaagc gtcctaacct tggcaggact gactcatcaa catcgatgac      360
cgagaagaac atgccaagcg gatgcaggaa ctcaacaaga agaaaagaat gatgaaggca      420
cccagacaag gctggtcaat gaccgactac caaggcgacc atgtcgctgc atcacattct      480
gggcgcagcc acattgaaag tcaagctcct atcctgaana acaantctcc ttctcccccg      540
aaagttaaag aacctgtttt ccccaaggct ccagttgaaa acc                        583


<210> 3496
<211> 244
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 3496
tttgaggcnc tgctcttggc atcggatata tagccagaca gcgtgagaag agagctgcat       60
agaatgatgt gtcctttttg gaccaaacgg aggacaacac atcaatatcg taattgaaaa      120
taagctgata tcaaattgtc atccaaggag ggtagtgttg cctggaaatg gggatgtacg      180
tcttgctata ggttaggtac tataccaaca gaaattagac tatctggttt caaaaaaaaa      240
aaac                                                                   244


<210> 3497
<211> 171
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 3497
cgcataacca attcagtgta accagaaaga gtcntgcaac atgggtgacg gtggctatct       60
cattctcgna aacggtacgc cgtaccgttg gaaacggtca gaccagatga gctatcanat      120
gaagtcttgg gatttcccgg atgtcattga anctggaaag gtacccataa t              171


<210> 3498
<211> 434
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 3498
ctgagccgcc acaaagacta cctcttcttt tgcctatact ttttgtgcca aatttaagca       60
tttggaccct gttttttcagc atcgccaaat caccgactcc accggccatt aaagatttcc      120
caatctcctg tgcaacgaca gataatcaga cgactgtcta gtttgcagaa acatcttttc      180
agcttcgatt cttacttgta gtcgctcagc atctggacct actacgcact atcttgtcca      240
tctcaccata ccaggtagtc gttgagtgag aaatcgagcc cctccacatc atggctgatc      300
tcgccgaacg accagcgctt gagctgcaga ccgataatga gaaatctgac ctaccgaatg      360
aggacggcat aactttagag aaaacagaag acctattcna agcaatgatg ttgacgctag      420
tgctgatgct gggc                                                        434


<210> 3499
```

<211> 239
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 3499
gtcaggcagc ttgcatgttt gcctcgcagc gaacgaacta acacagaatg gcacctgttt   60
gaaatagcat tggtgactct ctctactgac aggaaaggcc aaaccgccac tattcttggc   120
tanaatgggc aggtaggttg gcaggtaana agctttttact aatacatgct tgataatatg   180
ataataaaac ctacctatgg caggatcaaa tttttaaactt caaaaacaaa aaaaaaaaa   239

<210> 3500
<211> 555
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

<400> 3500
aaacgcttct gttttcaccc ttgacaatgg aaatgttacc tttacaaatt tcgtcggaga   60
cgtanaagtt ggtactctca caattccaaa cttactcctt aagccaggcg acaatgttgt   120
caacatcacc gccaacatga accaaagctt ggttctgaac gccgttcagg aggagcccta   180
ctgcaagaca ggcattnttc ccttcaagct gttgggcaag tcggtcatga accacggcga   240
aaatctcaca tatttcgccg cagcgttggg aagctcaaac cagactgtcg atatcgacat   300
tggtgccatc ctgaaaaaga gcattgggta tgatgtgaag tgcaaaaagg attagttgca   360
aagcattatt gatctttgga tcgcgtaccg agtatgctga ggcaggagag aatgatcaaa   420
gccgccggtc gattaatata aagctaggta gnggtttgac aagaggcgca ntcgattata   480
atgatacctt tgatgcgggc cccatttata ccctgtncct gatgcgaaat tcaanattac   540
tttattccgn caagg   555

<210> 3501
<211> 241
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 3501
nggcctgttt agggtttgcc cttaacgatg ccagcaacca ggagcctatc aaggacgttg   60
tccangaatt gggtgaacgc gatgcttcaa aacgagtgtt ggtttgtcan acagatgagc   120
agctagagat ggccaggttg tgcgccgaaa aggaagacat ttgggaatga tgcnacacca   180
caggatggt ggttgtggta gtgatgatat atatgactta atagatagag agtgtgtata   240
c   241

<210> 3502
<211> 308
<212> DNA
<213> Fusarium venenatum

<220>

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```
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G


<400> 3502
tccgtcagtc tcggtagttg gacaatccga agattacgaa ggtcttgaag gaatctaccg        60
gttccttgag gaatgtgacc atgccagggg aaaggttggt cgagtaaact gattttgagc       120
gaaacgatac cagaatgcca tatgaaaatt gacaggcatt gattgtactt aacgaccgac       180
attctctaca ccgaacgaac cacaatagct agatttagta tgagcagtaa ctagcttcca       240
attgaatttc cttgagtatt tnttngaaaa aaaaataant attaaaatta ttaataanat       300
ttatatta                                                                308


<210> 3503
<211> 469
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G


<400> 3503
gcagagggca tccccaatct tccgatcctg ctctccccat acctcgttac ttatttcact        60
cccatttctc tttttcactt catgaggtca tgacccaaca tcggttaatg tctacctgtc       120
tattctttta ttttcttcac cgtctgtgca tatatgcctt tgtttgtgga gacaaggttt       180
cgttgtctca tctcgttgta cattacatta ctcaaagcgg tctacgccct gaagactgct       240
gaggactcga ggccttgtgc caatgatcct ctttgatagt tcgtttccat aaagggattg       300
ggagcaagaa tccgagtcat ttggagggtt gtggnggcat atgagcggct ctggttgtgg       360
tgattcggcg ataggtttgt agttagaaaa ggctatctaa cacaaactga gctgacacga       420
taatcccgtc accttctggg tagtttaatc cgagtaggga ttgtttctc                   469


<210> 3504
<211> 385
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G


<400> 3504
tactcggagc catactgcta catgaagtca cccaagaacc cacacagatg tggacgccat        60
ggaggaaaga agggccaata aacattctag accaagacaa atcaagaaga aacaggtgga       120
acgatagaac gaaaacaacc cagaatgggt atgacgacat gaaaacaacg acgacggcaa       180
gagagccgac aaactctgga ttttttgtta cttattaacg gttgcgacat catatgagga       240
acattcggtt attagcatgt gcatgcaatt tattttttatt caaacttcgc aagcatagat       300
gataaatgtt attttttggca aatcactcan aagcacantg aggggaagac tcaaaacagc       360
gggtgtttntt gatcattctc aaaaa                                            385


<210> 3505
<211> 624
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G
```

<400> 3505

```
ttcttccccc  tcgcctcgca  ggtacaaaaa  aatatctctt  ggcttctttt  ttgtccctgc      60
tcgaaccgaa  cttgaacttt  tctaatcttc  ttctcccccc  atcctttccc  gccggtcgag     120
ggtttgtgat  gctttgatat  ttctctcttt  caacatccat  caatcgacct  ttaaatcgtt     180
cgttcgttca  tacagataaa  naaaaggttt  caaaaagacc  tcacaaacaa  aanggccgtc     240
gctcttcctc  ggcgattcta  ttcgctgctn  tgggtcgcaa  tcctccttgc  gctcgtcgtc     300
ttcttcgtct  tcctccgnga  agatacctgg  tcatccattc  ctcgacctcc  caacgggtgg     360
aagattcctt  tcaccaccga  cgatggggcc  tctcatcttg  gatgggnaac  aacaaaaagg     420
ctcccgccaa  ggaccccaat  gagcctctgc  gcatcgtcct  cacaaagtcc  tccggactca     480
caannaaatc  gctgctgcct  tgatgcaccc  tttcggnggc  caagaagggt  ttaactcgac     540
gtntacttcg  ccaccagcgc  tttcaaatgc  angacatnat  gggcaacttt  agccttcccc     600
gncaacatcn  catcacaagn  ggga                                              624
```

<210> 3506
<211> 124
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 3506

```
nagctngttg  caacaactgg  ggctncctta  accgattttt  tgtccaattt  tcctgaaaan      60
aaccttagan  cttcaanatg  gttgngcgaa  nttcctccag  gagangaaaa  attttttttt     120
tcac                                                                      124
```

<210> 3507
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 3507

```
cgacgaacaa  gttaacagaa  cttggtgtat  tgttggccaa  gtatacgctg  cccgtagtgg      60
caaagaggcc  ttgaatagac  aacaaagaga  cgggatctac  caggcactag  cttcacaaac     120
agccatatgc  gccaggggat  tgaaacaatc  ctccacgacg  atggcaactg  tcccactatt     180
gtgcgcatca  ctactcgctg  tgacagattt  acttctggat  gatacaggag  atcactggcg     240
cacacggatg  gcttgtataa  gtgagtctgt  tggggtcatg  gttaatgatg  acttgcaatt     300
ggcacccctt  gatagggaac  tgatacggct  tttccaattg  aatgatgtct  cggctctgtg     360
tcccgtcagg  agaatccgtt  aggcccaatt  ttcagaagcg  atcttgaaga  cacgttgaca     420
tcgaagagtc  cagagagctn  acgtctgnac  tttggatgat  accgtccttc  cgcatgtgga     480
aatggnccgt  cttgaaaaag  aatattcatg  ggttggcnat  tttctacacc  tggggcattc     540
cattacgaca  cnntgtgata  ttgcagaact  gatntggggn  aaatcaagct  tgactatacc     600
agccccnttg  aattttt                                                       617
```

<210> 3508
<211> 243
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(243)
```

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<400> 3508
aggttggaga caaagacagg gaaacaaagc ntggattcaa acctggggaa gccagtntnt    60
gaaacgggcc aaggcataaa atgacgatag tgagtttgtt gttattggtc cgtgttggag   120
cgttgcactg ggagattgtt tgatcacccg ttggtgcana aagttggagt tgaccaacag   180
ttatccgagg ataaaggcac gatgtacgat aagacagccg canataanaa agttccaaat   240
gcg                                                                 243


<210> 3509
<211> 426
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G


<400> 3509
cgcctgcttc gcttgcaaac ccaccttcgt taccttcgcc ttctttctgt cgctacaaag    60
accgcctcag ttcttgacta actcactgct cagactccga tccaatcaat caaaatcgtc   120
aagatgaagt cttctctcct caccgttttc ggcctggttg ctgccgccgc tgcccagagc   180
tccggcgacc tccctcagtg tggtcaaact tgtgccagca acatgatcag cgctgcaagt   240
cccaggagct tggatgtgat gctggtgacg ttagctgcct ttgcaccaac caggacttca   300
tctacggtct ccgtgactgc tccgtgctat ctgcaacgac gagcaggccg ctgctggtat   360
cgnctacgtc ttgcctntgc cgcaactggt gtcagatact actgggtagt gtgnttccgt   420
tcggct                                                             426


<210> 3510
<211> 438
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(438)
<223> n = A,T,C or G


<400> 3510
cgacaccctta tcaaagtctc tgacctcaca actttgcaac ttattcgtta tttaattctt    60
gattccccag gtttcacaaa taattatcta ataccactga naaaccactt attttcaacg   120
atcaatatac atacttgaga ggtatatgca agtattagtc tctacgacaa cccaaaggtc   180
catctatcgc cactctgcct aaatcactat cgactctgcc cttgcgatgg caactgggga   240
ctctaacgat tccaacgatg ccaatgatga cggnttcaac ttcggacaan aaccattcgc   300
cngggctctc atcccttat tcgtcatcct catccttgga ttgacagcaa ctgtcatcca   360
aatcaaacgt cggcgccgcc gtcgtggaaa ccaatggccc agctcaaatc cccaaacacc   420
cacatattgg ggacttcg                                                438

<210> 3511
<211> 610
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

<400> 3511

```
gaacattacc cgaagctctt ctgcccaatc catggntatc ggaaaaaccg tggcgacaga        60
cttnttttcn tgaaaccngc caactggatg agaatacaac ggttccccgg aattatcccc       120
gagatacctc agccgtaaag ttgacacngg aggtatgatc ctcactgaga ttcaaaatga       180
actaagttga ttttgaatgg ccanatctta cagcaattga gccctgatac cgtcactgaa       240
taccgatctt cagcattacc gggnggntca ggcaacaata caactctgtn ttcagatgcc       300
gttccgatca atcaaatact gggattgaat ttgccctcca aagtcgtttc anatgacttg       360
ttcaacgcct actttgattc cgcgcactgg ttcatggctt gntcatgacc ttnatttcgc       420
aacgatcnat gccattatgt tgacagggca agctacgcca gaagatcttc cgttttnggt       480
tgnttgatgc tggtcttgct atngagctng atatttaacc gaaataaatt ttctttgngg       540
ggggaaaaca aacctggacc ctnttgaaaa caatttnttg aataacncac ntgtgccttt       600
ttggatattg                                                             610


<210> 3512
<211> 111
<212> DNA
<213> Fusarium venenatum


<400> 3512
ccctatttga aatcttttaa tacccagtaa gaggcttccc aaaggaggca aggatactcc        60
aggatgccca tagctatggc aatagacata gtaatatgat ttatgacccc g               111


<210> 3513
<211> 317
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G


<400> 3513
tgatatcatt gatttagacg aatgcatcga gatagcggat ccagccatgg atcccaagat        60
gccctccaga gcgggaatta cttttgggat agaacggcnt gactgcggcg ttgaactttt       120
gggaattcca tttttagata gagttctgat ttggcttgct tgatgcaaag actcaagcca       180
aggaggtggg ttggttcctt tgatgatggg tatttgatac ctggatacta cttgatcatg       240
cttcaacctt aacacgttgt gattcttact tatgattgcc cagtatataa ataaaagagt       300
cactggnnaa aaaaaaa                                                      317


<210> 3514
<211> 398
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G


<400> 3514
gatgcaacta ttttatcttg gtcgtcattc gccgtattct cgccgggagt gtgacatact        60
ggctctccaa acccttcact tactctgcct ggttgcactg ctcacttgct gtacctttga       120
gaacctgttc ctctatcacc aaggggttta tggtgcttcg ctcatggata atattagata       180
agattaaatg ggtggtttta ccaaggaagt ttgtcgagta gcaacttgtt gtattttagt       240
cgtacgtttg ttgagaatag gtggttataa tgtctcaaca cgcgatactc cttagacagt       300
gacgcgttgt ctctttggtt tgtttcttag ctggcttgat cttggtttcc ttaacattgt       360
tttatttgtc ttagaaaaaa aanaaaaaaa aaattcat                               398


<210> 3515
<211> 152
```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 3515
nntcactcat gntactgngg naacctgcac ncaactttcc acaggtggtn atttgtgtta   60
acaagacnga cagntcgncc tttgcagagt ttctgntcta ttgcttngga anttangctt   120
caacggttaa ancaaagaan cgttttntnc tg   152

<210> 3516
<211> 128
<212> DNA
<213> Fusarium venenatum

<400> 3516
gctcctccaa tgactcaaca ggcgattgac aagctcaagg aattcaaggg cgccgttgtg   60
aatgatcttt ccgagaaaca aaattagtat cagaacggtt ttttcccaaa atacacattt   120
gatgcatg   128

<210> 3517
<211> 615
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G

<400> 3517
ctcactttct gtgacaaaag cagcgatgag gggcaacttt gcanggnggg gcaattttgc   60
tgagctggag gggagctatg atgaaatgtt tctctgccac gtcggaccgc tatcagttga   120
attgcggtgt ctacccataa cattaatccg ctgcaactct gccggtcgac tcaatagtgt   180
gtacaagtca tcataaggca gtcattgggc tgcaatttgt tgatattgag ctgtggtaga   240
ncatcnatcg ggatggatga ttcctacgag tagatatgcg ctantccatt tatagattaa   300
agcgggcctt cttgaagatt ccagantggg caaattctca tcgatgtggn tggnaagttg   360
aaaatcaatt gcaaatactc aacatcaaga ctttnattct cttnatattc acaacaagng   420
catcctaatt ttctcgattc aagcaaatct aaaaactccg acaacatggg cgatcccana   480
cttaacgagc ttnttaaatg gagcatcgag caatctgngg ccccaaaaat gacccccaatg   540
cccccttcacc aagaacaact taccccaaac ttatngcgcc cttatggggg gccctccacg   600
cggnctcatg aaacc   615

<210> 3518
<211> 546
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 3518
cgacgattaa tgatgttgcg agtcggattt cacagatgga aaagactatt gagtcgtttc   60
gggcacaaca ggatactgct tcgccgcagt ctacaacacc ttctgtcgcg tcaacaaaca   120
cccctgtcat ttctggaaat gtgactgcta gtgatgcatt ttcaaatcag gctgttccgg   180

- 1256 -

```
gacgtcgaga gggtcttttg ttgaataaag gaaaatacag tcattatgtt aatgaagttc    240
ttctctcacg ggttattgaa caggaagatg atgtacgaac agccttggca acgccaagag    300
acgaacttcc ccacgacgtc aactcttctc ccttcaaccc catggccctc ctatctccca    360
gtttctcaac cgaatcactt gcaagctatc atcctcccag aaaaacagct atccggttat    420
ggaaaatctt tgtcgaagtg tcaactttgt ncaaagtcag tctcttccac tcgggaaaca    480
tactctcncg tgganaaaaa acctacaaag cctcnantgg aaactgacct ttgtttgcta    540
tttttta                                                              546


<210> 3519
<211> 840
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(840)
<223> n = A,T,C or G


<400> 3519
tttttttttt tttatctaac atgtctatta actcatttga cagtaagcca agattaacgg     60
aaaacatatn tacaaactcc tatccgaaaa actntgaacc gnttttattc taaccagatg    120
caagggaaac cctcgtctta ctctctccca tccttaaact ccactcccca ttccactcct    180
ttctccttct aacctcaagc tcaacatctt tnttgggcgt ataaataggg gccatgtcac    240
ctgtgttcag cgccgggttc cttgcccatt gacctgaagc agggttcata tcgcaccgca    300
cagaaagaag agccaacaca atcagaattt ctgtcgangg caaactgtcg cgcagggaca    360
aaatgttggn ggtgcgcccc atgccacgaa aactgctcga cacgaccgat ttcttgtccg    420
gatccctntt ttggcatgaa ccgatatgga tcgaanacat cagccgaatc tcccatgtag    480
tttggttggt gtgcacnggt tggccaggca ttatgacnaa ttggncagct ttaaacanat    540
ctttgtcgtc aagagtgnat nttccgtcac ctttcgaatg tcgcatgaat atgtcttgtc    600
cgtggggttt ctgataaana nataaaacaa aggcatttgg tttcaacgct gnacgtncac    660
cacaaaccca gtnttttggt tccactaaca gctggtcgaa taattcgcgt cgcacttngt    720
naaaaaggta aggccggaaa aaaanttcgt aaatggncca aaanatgatg gggtctgggg    780
ttggcaaact tcgacatgcn tttaaagggc caattcncct ttagggagcg nnttcaaata    840


<210> 3520
<211> 274
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G


<400> 3520
cactgatgac aagattgagg gacagattgt ggtacgagga ccgancgttg cgggaggaga     60
ggtcaacgtt ggcntccccg gaaaanttcg acatgataac actgttgctt atgcntaacc    120
aagggttttg acaaaacntg cattgggntg gggtcgatag acacatcgat gtcaaattcc    180
aaggattcag ggatcntttg gcccagtttc ataagctagt agatacaaga aatgatttaa    240
gaccgcaata agaatttctt ggtattttg gttt                                 274


<210> 3521
<211> 186
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(186)
<223> n = A,T,C or G
```

<400> 3521

```
ngctatgagc gtncaatanc ccganaagta aggttttta atgccaggag gatganttgg      60
tgcaaggtat gaagntngaa gtcctatcca ancgnctcaa ggantnccct tcatgaactt     120
ccaanatgtg ttgnagactc gnatacntac tggatacatg nnctcagcag acgaanactt     180
gcatca                                                              186
```

<210> 3522
<211> 192
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 3522

```
ggagctntta naaagctcaa taagcctacc gtcatccgtc gccagtcgtc gtnaacaaat      60
caactccccg ggtcgncgat accacaatca aattaccgnc gcaatgagtn tatactatgg     120
agngggcggc attgggtcat ttctgaccat cgntggaggc tatatgctnt ttaccggcag     180
nggtgagtcc tt                                                        192
```

<210> 3523
<211> 203
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 3523

```
nttgttnttt tattactatt atgcattatn aaatggaatn ntgacatatg gcaaanaaaa      60
aaggggcctg gacnctaaaa gtgactgtca acctgtgact nccgtaantg actggncagt     120
tggcggaact ccgtaaatgc atntgcagtc actggattaa tgcacntcgg atgaaattta     180
aantgntagg ttttttttt ttt                                             203
```

<210> 3524
<211> 502
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 3524

```
ttcgttgtat gattacaccc agactcgcat cgacaaaaaa aaaaaccatc agactttaat      60
aattccatgc tctactggaa acgcctctga acaactgtta tccgcatatc catattcaat     120
cgtcaaacgc ctgtcatgaa cgccagttct tttaaatcta ctatgcacga attccattgt     180
tgcagtatgt tacttcaacg gcagctgctg gttttgccca ggggttgata tgttctggac     240
aatgtgcgcc agcgcatcaa tcactgcctt cattagcaac tgcgcaatac tgccaagccc     300
tttggcgagg agtggttcaa catactctgc atgtccatct tgggatcttg tggccaagta     360
aaagtctcgt tgatcctgtc tgcctgtgct cgtctggaag atgacatggg cagactcata     420
gctgtgacag cggaggaggt tggcgtggca gtcggtgtca atngggtct tgatncaatc     480
ttacttaaac atctggtaaa gc                                             502
```

<210> 3525
<211> 290
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 3525
```
ccacggcctt tctganagca acttccgact ntggatcttt tttgancntg atagccaaat      60
tgggcntgat acacancatg ctanttntgg aatgttgctt tntgtcanct tctttntttg     120
gggacntggc gatgaccgtt gtacaancnt ccagggcaac atttccgcnt ttcccgancc     180
agtntggntg ctgcnaantg aggcgcccgt attngggtct tttgtagtac tccntaacaa     240
gcatagcact agggaaatag atattancta agtgaaaggt cgagggacac                 290
```

<210> 3526
<211> 177
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 3526
```
ngcctgtcgc aattatcttt tagcattaac gtttgaaaga antcattgac tcagtttctt      60
gaaaaaaaaa aaanaaaaaa nttctgcggg ccgctctagc atgcattnta aaanaaanaa     120
aaanacttct nggngaccgc ttatncatgc atattagagg gccnatttca accttta        177
```

<210> 3527
<211> 158
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 3527
```
ntggaaangg anctggtatg gacagaaatc nacntgcaat ncacgaaggn tttggtgccn      60
tgaangcaac naaancaatg gggggngtgc tntcaccnga tcattctctc tgacctagga     120
ctngatgncc gactncttct catgcaattg ntggcttg                             158
```

<210> 3528
<211> 380
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 3528
```
ncgaatcgtc accatcctcc aaaccccacc cagtttcntg cggcggagtn tatngaacnt      60
ttacgggtaa anttgaanga tttgtgqaac gantgttaan angttcgaca tgganggcat     120
```

```
gttattgatg cgngggttgc tactttggca naaggcattc ttntttgctc agagnttcaa      180
gcttntaaga tgaaaatgtg ttgtctgaaa nactcaacnt ggtanaaccc atgagctgca      240
atcggntcca ggttntttta tnttccggnt ggactggacc ccntgaaaaa aganaaacat      300
ttttggccaa agtncaagcc aattgccttg naattactgg atancaatcg ngggtntta       360
tnttgtctnt gtaggnganc                                                  380


<210> 3529
<211> 610
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

<400> 3529
gagacaaggc atctagtccg ccgtttctac cgaatacatc caaatatcac tttgctatac       60
aaaatatacc tcttttattc tattgagata atcaatttct atcaattcct cttgctctcg      120
ctcagttacc ctctgtaagc tgtgtagctt cttgttagtg tccgcgtcaa tgttctgctt      180
gagatctcac tctatttcaa tgggaaaggc tacttggggg tttacggttg ccttacataa      240
aggctcaccc agacgagtat aagtatctcg tcctccccct cttatgtcct gaatttcggt      300
acgctcaata tcactcctct cctcctctca tccttcttat accgncaatt caactcatcc      360
agaccatcct gctctcagcc taagacactt attcgcttct gnggttttga tatatatctg      420
ngtcgtcccg tcgcatcaag cccttccttg ccctagtat cggnccattt tgtcccactg       480
nccatatgac cgacctacct tggttttgtg tgatgtggcc taaggcgatt aaaatcncga      540
cttgnacccg tncgtacttt tcctnctaag ctaagtcccc ggaaccanat gnccttnagc      600
cggttaagga                                                             610


<210> 3530
<211> 337
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 3530
naaaaaaagt cgaacaaacc cgctatccgc tctttttttcg tatgggtgtc gccatgctat       60
tgctcgatta ggncaagatc gaggggggtta tcctgagacg gancttttgta tggagaggcg      120
agtagtacag nagcccgtag cgaaatattt agatctttgt tggggagcgc aaaagagttc      180
cgagattttt cttttcttcg ccttactcct ctcttccttt cttcttctac acatctctat      240
cctccccctc ctttgctgaa gtttcgcgta tactctgcaa atctccccaa tcgctaggca      300
cantggccac caaacaagcg aactgccacc actgttg                               337


<210> 3531
<211> 323
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 3531
naatctggtc atctgacggg caatgtnctc gacttnttta ctcaggaaag gcgatagatg       60
tgnnaaatga cggaagcntc tgagtnctcc aaaaatgtnt ttatggntcc tactcccnaa      120
```

```
caagggagcc ctgaaaaaca gaacttattg ntgagantcc tgacagtgat cgcaagcagc    180
gattcctcna cttttncatcg gntggcagta ttcttccacc aacgtggtcg cactcagaag    240
cagacggnnt cctcgaaacc tgtaaatgga tctatcatct ggcnnatggt tcgtatncag    300
aacctgaacc aggtatgagc aca                                            323


<210> 3532
<211> 129
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G


<400> 3532
nttnacagcg atgccaaga tgtgatatcc naaatctnga cgagtctgcc atggananac     60
cgttatcatt cgcncatgct ccagaactcg cgtgtcaaga gtgccagatg gcntcatnga    120
tctactaaa                                                            129


<210> 3533
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G


<400> 3533
ccatcttcct cttcacctgc attactcatt actccctcgc ctttttatact ttaggcatct     60
atacatacag actcaacatc cacatatatt acatcctcaa cttacctgtt catcttcagc    120
tgctcttcat cgtcttcctt gcctttgact aggaggcggg gatcagaaca ccagaacccc    180
actcgcctgg ttactcctct ctatttgtcc ccttcatttc tttcagtatt acggcaaacc    240
gagctcttgg aactgtttgg catccgtcgt cgtctatcgt tctcgttgtt tactatcctc    300
cttggttctt tgactcaacc ccgagtcaga ccctcctcac acttcaaact cttgatctga    360
aganctgcac aggatatcat caccctccct gatcacatct cangcggcan ggtcagttta    420
ccaagatgta ttatctgctt gcttcattca caanacgctg cacagctacc attgtcaacg    480
aataagtgct ctccactcgc ccgcgatacc tcacacaacg gnggtatgat ctgtgctgtt    540
caacanataa atcggaaatt caaacacgcc actaactaac ttaacatgt               589


<210> 3534
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 3534
caaggatttg gcttcattcc tacgaacagc ttccagcaag caaaatcgac tgcaatttca     60
tcgatttcaa gttcgcccgt tgcttcgtct ggaattgtcg accggtcctt gggtgatgct    120
gtttctatca naaacggaaa tatttgctac tcaaaaaata tcggaattgc gcatatccac    180
actaggacca naacagactg aactttgatt ccactacagc tcattccgaa cgcaacccac    240
gtatctttgg taagtacatt gtgaagctgc aagttcaaag gagttgcttt gcatgatgaa    300
acaagttata tccattcaac gacatnatct tggccaagtc accctcccgc accttaaact    360
ccttgtgggt tgatgatggg ttqnggagtt tctcttcgga gtgttatgaa nactccaagt    420
```

```
gtcagggctg ctggtagctc gttttttgggt tatcagtatc cagggccggt cgagctgact      480
gaataaaaac cgnttggctg aactatcgca tactctttgc atcgngtata atcttccgcc      540
cgttatagcc ctcnactttg aacagtggct aacggataaa tacagattna cgagtggtan      600
atctcgatct tttgaanatt ggagggg                                          627


<210> 3535
<211> 101
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 3535
ntgattgggn ttggaggacc tcgagaanat cctaantgna tacatgnnct tcaggcagac       60
cttaaaacta aggncatgct agactnaagc atgcaaggtg g                          101


<210> 3536
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 3536
tttttttttt aaaaaccttc ggatgattac tcgagataca ttctaagtag cgccgtgcag       60
tctcctatga ggctgccagc ccgagcagtt atcccttcac cctttgacac aatcgcaacc      120
ttgtttataa ccgctcgcct tggttgagac gtgggaatga nacaagtcgg tgctgtttgg      180
taagcccgta atgacatnct tgtcnccccg agttcctcgg cccattagag gataaagcgt      240
cggcctatca ccaatgatga ttttgaccgc gtatccgtgc atnaagattc caccgccgat      300
atcctccagc ttttactgct gatgtgaaaa aacaaaaagt atcagaaaag aaacacgcca      360
ntataaaagg aaaagatgag gaaagggggc aagtaatccc cctatgggga agattgacca      420
tgatcaacan aacattgctg tatgaatccc aagttcagta tgcatgatca cacctccct      480
acataatctg atcctgagtc aagccgacgt gaggatctgt gtccatgacg tcntttcccg      540
ccttggttaa ggtcttcacc aaactcaagt tgngggacn accgccgttt tgataaccct      600
ggaacttgga aaaggcagtc tcagcggtct tan                                   633


<210> 3537
<211> 660
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = A,T,C or G

<400> 3537
ccggggcccg accggtcaaa gtggtggatg aagaaatgga cttttttngaa agcctcaatg       60
ntgggctttt ccgnggagaa taaccgtttta cttcacatag agcacaaaac gatacccaaa      120
agttgatttt attctacntg cattcaatcc ctttngacg ggttgaacta ctattctgc        180
cgcaccagac ggcccaaatc cgatatgaag tgctcactcc ctacgactag gagtcgtaac      240
accgcaaacc atcggacttt tgttgatcat ggataggcca tcggaacaag agatggaaaa      300
acagtaaaaa gcaagcgatt ttgaggccgc taaaccactc ggnattgnat gcccagaccc      360
cacgccagac accctttgac ccttattttg aggagactgn ggggatattc acaaagtgtc      420
```

```
cgacatgcgg ggaagccgtg ggggtttgct cggacaanac ccggggagag gttaatggcc      480
catgccagca gagacngtca aaggaaaggg cttgctccct caattgcgtt tgatgcgggt      540
ttgaaggagt naccgagtca nggtcatgtt tggggcnaaa tcccaaaatt ntgctttgca      600
caaagaaggt ctgatgaanc aantcgtggg gctcgggttc aaatgtnata aaganacccc      660


<210> 3538
<211> 221
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(221)
<223> n = A,T,C or G

<400> 3538
nttgagtcca cgatttccca taactcctaa gcggcgagga tgacaagcga tggaataacg       60
ggaagcgatg aggctgggaa catcaagcac gaacaaggcc ttcagtgacc agggataaat      120
gcaggctacg tcattactag cggggtatta aactatcata ttgtgctact ttgcacgatt      180
cataaaattt ttgagtaata aaagttaacg atgttagtat g                         221


<210> 3539
<211> 163
<212> DNA
<213> Fusarium venenatum

<400> 3539
cgaagacgtt ctcgtggttt caaggtctaa gcggtttatg gtgaaaatta ttggccttgg       60
gtggagttgg ggccagttta tggggcaaat gatgccgaac atcggcttgc aaatgggtct      120
tgcatggaat tggcgtgcct aggtatcaca aaattctaca atg                       163


<210> 3540
<211> 525
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 3540
gaataataat cctcaacctc agtcttcatc caaaccaaga ttggactttt cgtccgtatt       60
tccggttttt cgtcgcaatg ccaagcttca agtgctgccg gtaaaggaaa tttcagccgc      120
accgaaccac aagcctcttc tcttagatgt tccggatccg caaggattca gtatagtctc      180
ggagccgacc ccaatccaat ccagcccagt cagttgagcg atcgattatt aagcttgtaa      240
cacagctccg cgggtgccga agctcgaata gtcttgtttt gcccaatagt cgactgattg      300
ttgaanggga aatggcgagt tccagctatg ccgatgctgt catggtactt atgcagctct      360
cgagtggtgg acgtgttgat aancgttggc tgaagataca ttcacaattg ttcagttgat      420
acagcgaagt cgatcggctt ncgtataatc cttganatgt tcttccctgc gatctcaatg      480
tgtntaggan atcctgccca atcnccaggg aatcctcact taaca                     525


<210> 3541
<211> 430
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(430)
```

<223> n = A,T,C or G

<400> 3541
cgctcatctt gttgaagatg gcatgacggc cgatgagatc cgaagactag aagaggagga   60
acgacanttg gacgacgaga ttgaacgtgc agggagacga tagtgctgcc tcgcaatgcc   120
agaagctatc tcggtcgaaa agtcgaggga tactctcgtt tcttgcatca tggggtttgg   180
agttttcggg taatgacatg tctgatcctc acggtcgctt tgagctggcc actcacttat   240
gttgtgtaaa atgtgtgagt gagtaccgta gtgggtggtt gattgataac atctatcgcg   300
aaaataccgg agccttttan tttcaggcgg actgaggaag ggacaaaaat ctatgataat   360
ttgcttaatg tgcacttctt gaagcgtata taaaccatga agatcagttg ttaatacacg   420
ttatttaggt   430

<210> 3542
<211> 483
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 3542
gcaaccagct atcactgagc ttntattaag ctcactttta ttgattagat accatccatt   60
acctcaatac cccattccaa acacacccac cgtnttgttc caactgtcag taaccccacg   120
cttctaagcg ccggggtatc ggttcgtttc attggttcgc tgtttcatac aagcctcatg   180
tcttgacaaa ttcccggtaa atagaatgag tgccgaatga ttgcattcca tcaaggtcgc   240
ctacatgtgt accgctcatt ctggagggca agcaaggtan tcctcaggt atcanaaaag   300
ttggccgctg gaagcacaag anacaaaatt agtggaccag tttatggtcc ttanactacg   360
tatttctatc ccccaaggct gaggaggnca acttttcccc tacttactaa atagcccagc   420
agtttcacaa ggaanacgat tggcgtttat gctatatcgt gtctcgacca cacaatcatt   480
tgc   483

<210> 3543
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

<400> 3543
cccaaaaacg gttatcgtcc aactcatcta tagagttccc aggcgaattc tcgcagattg   60
atttcggccc atcaatcgac gagcgaccgg ccagttttgg catggtgtcg caacatggtg   120
tcagccgagt tgacccgtta caccgtgacg tcgatttgct cggcagctct gctgagcttg   180
tcgaagatcc tcccgcgaga cctcgcactt gatcttgtcg tgttgatcgg tgtcacaaca   240
aatgatttgc tgtttcccaa cgcgattgcc cgccatgaca tgctctctat aaacacaacc   300
atcacctact acacccttta cgggttacat cttaatatta tttctttttt gtttggttac   360
cctcagggtt aaacgctatc tatatgatct atagatcaag gtccataagg attttgcaca   420
tgagcacaca tgctctcacc tttctccttt tctctctctt tttggttacg gatcatacac   480
attcaatcac agccgtggag acntgcggag gaacacaagc tacgaaagta caagcgaaag   540
gacaggcgtt ttacgtgaat ttcgtggcca tatttgctct aactggggac ctatc   595

<210> 3544
<211> 240
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 3544
natcttgnat cctcaanttt tcatcaagta cacttcgcca agaaggactg ngangaaatc   60
aacgctcttn acactaagng nctggatntg cttgatacga cgancctttt ttagaacggc   120
ggcnacaanc accgattcgc tgngtngcat accccgagcn atctttanta tnctaaccga   180
aaacacattg gtgggtatct ggncaacatg gaatacgttg ttgancacta ccgatcaaca   240

<210> 3545
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 3545
atctttgcca cgattttatc aacccctggt tgccaggagt tgatcgctcc acaatctttg   60
cccacattga aagcgattcg ttggcagcat gtctaagtca agaaagaaag ccacagcaac   120
ggtgagccat catctacaga tatccagcta caaggatgtt tgcgcaggtt cctttcgatc   180
tacctcaacg cacagaagcg cgaggccccc caatctctca catgtgtcaa gaactgcctt   240
atggccacga ctattctttt cactggaggt caaaaccacc tgccagcttc cgaagccctt   300
gtagcacgtt atctagacga gctgatggat tgcctcactg atagaatgac tgccaggatt   360
gcggccaact gcatcagatc catactgctc cagtcgtctt cgactggcgc tgacctcagc   420
attgctcgct acttgttccc caagctggta gcttttgtga ctgacacgga ncctgaagat   480
ccgaaaacgc aagggccttg gttgctcaca cgctttgcca atatgcgggt acagttgaca   540
agggtcgacn tctancacca ttacagtggt gggtacccga ctt   583

<210> 3546
<211> 301
<212> DNA
<213> Fusarium venenatum

<400> 3546
cgatcacgat gatgttatga agcgattcgc tgctgccggt gttcagattt cccagattgc   60
caatgaccag gagcccgtgg acctgagcaa ccaggagaac actgacggtc tgtggaacga   120
tttgttgcag tacttccaaa aggccgctac ggatacagag cacaagatat tcaagtggcc   180
tgctgtcacc caggttgttt acccttacag tcaggaaatt taagaacggc agggatatga   240
aataaaatat tatgatgttt ttagcgcttt atagacaata gaaatgatat ctaatcacct   300
a   301

<210> 3547
<211> 144
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(144)
<223> n - A,T,C or G

<400> 3547
nacaaggtct tgactgtant ggtataaggc ganccntagg tactacatga nccttgaaga   60
ngacagacct gatgatgggg aatanattca tcaatctaac atcttcgntg ataaagncnt   120
tcatttacga gngtccaacg aatg   144

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<210> 3548
<211> 485
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 3548
```
gaacggtcaa cgacttgttg atatctcaat cacaatgcca gagacactag atcctggaac      60
tccaaccatt acgccgcccg tctctccggg cggcgtanag aggcgtcggt cgcgaaaccc     120
tctcaagaac atgatgcaac atctaactgt ggatccccct ccggatgatg atgttcgtga     180
anccaggaga gcttcgctca tacgccgcat cagctggggc cgcaagancc gcagtccttc     240
tgctcatttt gatagatcag gaggtcnacc tcaagatccg aatctatgca ccgcctgtgc     300
tggttgggct gccgacattg actctacatt cgataccntg gatgactttt ttacaagggc     360
tctaaatcct acttctgcag acacttcgaa aacaaganca tctctaggtc nactnaagga     420
ctcgaagaaa accgcttcct ctcnaaattt ctctctgcaa atntcctctc agtccacatc     480
ccacc                                                                  485
```

<210> 3549
<211> 109
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 3549
```
naggcgaaag aggnccgcna acgagaggct gttctcggaa agaagggcaa gaagaaatag      60
aggatanatt atgacagact tgacgattat gatcaatgaa tanatcctg                 109
```

<210> 3550
<211> 631
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 3550
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cgagggccaa cgtgcgtact cctatccgga ctatgatgcg atcagcttac cgggtgcaac      60
aaaagacggc aattcagtct caaggcatgg attcatgcgg cagcgcgagg agagcatgac     120
agatactgat gtgtcgccgg gaatgtcacc gggaagaggt tctttgtcta gtgtgtgatg     180
atgacctgtg tgatgccgtg aaagggatgt tgtgttctgt ttttcctagt gacgccttgt     240
tgtggaaacn aaactgcaca cggtattgca cttgtgatga tgatatctca gtgtcaagat     300
ctaatttcat tcttaaattc tgagaagcga aaacctgata tctaactcat ccgcaaatga     360
gtcaatgctc cgctgatgcg cccttcactc ctgggcttcc agcagggccg aatactctgg     420
aaccttccat ttctcatcgt gtcctaaccc aaaaccttca tcgagacgga gataggatcc     480
cgctcgtgct atgagtgga gcatccanat tccaaattgt gtttttggca tgaacaatgc     540
ttcgcgantt tngttccctt cgccgngccc agangtccgc catcggccga aacactttct     600
tgtatcggtt tacgggctta accactgggg g                                   631
```

<210> 3551

<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 3551
actttgagta cgcgcaagcc tcagctactt cacttcctag tttccactac caaacaagac   60
aagatgtcaa cttgaagcta tttcttctct tctatgatcc ggactaagcg ctcggcaaag   120
cctgacacac ccacccactt atgtacacca cccgtccccg tgctctgcct gtctacctct   180
cgatccaagg caaggatagt ccacccacca ctctttctga gatcgactta ttccttgaac   240
atgggggggc tactatactt tattatggac atactgtcgt agtagcagca tcttgagaag   300
cctcatgatc cttgcccac atcatccgac tccaaacccc agcgccgtca tcacttttac   350
ccaatctctt tgcttgnctt tgcccccagc atcgccaaga ctttgaaatg ttttggaaat   420
ctgttcgggt ccatgagata tcagcgtatt gnacatcaac cggtgggaaa cacttcggcg   480
tcattccgnc cgcgtgcgtc aagggtccag tcagtacaag cccccatgtt cctcgctgca   540
anagaccctg aggacgatct ctggtcttaa cgggcattac caccnatctt   590

<210> 3552
<211> 585
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G

<400> 3552
cagatacatg gtgttgaaga tgacactaca gacaagtcca tatcgctcag catgatagtg   60
cgacacatac gcagaggtat atatccgctc tctttgttct ctttcgcttt atcgcggccc   120
atctggcaat ccggtatctt tccccatggt ggtccctatc atcatcttgg caactttcaa   180
cagttgccgc gttagacgtg ggtcggttcc tttcccatct tgtcgatcgg cttcccagac   240
tcccacgccc acaccccaa tagcccgatg ctttctcatg actaaaggct atcgtgcaag   300
catattagtt ctatgcttga tcaacttcta cgccttcaag ataggtcgtc ttgtggtctc   360
aagcacaaac tctatctttg ccttgtgctt ccctttctgt catctgcata ctgagttgag   420
tgtgagagcc aatgatctct ttccaacact tttacccaat cctactaaag atatatgcgt   480
gggatgcatg catgaatggt tcaaagcatg ttgnatctga acngtccatg tttcnggctt   540
ttgtggcccc attcacgttc acgtttcgat tatgcctcat gtgtc   585

<210> 3553
<211> 163
<212> DNA
<213> Fusarium venenatum

<400> 3553
ccaccagaac cacaaccatg ctcatgtgga tgttgttgag ctatgcctag gtggtctgag   60
atgatcaaga gcaagttgag tcgattatag ttattgtacg cttagtctgg cttgaccaa   120
gcagatacat agcttctaaa gaaacagaga gctgaatttc tag   163

<210> 3554
<211> 427
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(427)
<223> n = A,T,C or G

<400> 3554
naagtgcaac cggcatttga ggcaaaatag tcagtcattc ggacttgatg gcttttttgg   60
tgtgacgcca tnttttnttt ggtgtggngg gtcattttan aatcatcctt gtcaatcgga   120
tcagataact cagtcaactt atcaatcacc ccactanaaa agttcgcctc ggcttcatct   180
anaaccttgg actccattat tcatcgcatc gagtctccgc cagcgtgtcg attattacta   240
ctctccgtat agnaacggga cnaaaagtaa ccctactttc ttgggctgcg aaaaaagtag   300
tgcagnggan gcccaaanaa gctgcaagtc acaacttggg gtgattgttg ataaccangg   360
angggtcgtt gccaacgttc nctttgcagc tgtttaaacn cttaattcac aaacaaaaag   420
aatcgtt   427

<210> 3555
<211> 422
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 3555
caatctacaa cgaccagttg cctcgagatg caccggtggc tcgcgatgac aatgtgaaga   60
tcctctcaca cgttgaggcc gatgtcagcc atattccgga agaccagctt tctcgtcgcc   120
aaggctcaga cgggcaatgg tactacgaat tgaactgcaa aatagaggca gtctatctct   180
cggcatctac tacctatact ctactttaca acggccagcg atacaacaca gtgacgtgcg   240
agtatgtcta atggtttaca cggatcctgt tgaacccgta tgtcgaaatt gatatgtatt   300
ctgattgngt tctatctttt ggtgcctgcn gctttgcaat ttcccctctt tttaggtgaa   360
tgcattgcgc tattcttaat taggcttctt cttattcatt tgacttggct tttaccaatc   420
ag   422

<210> 3556
<211> 630
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 3556
ccatacttag aatcattcga ccctctttaa ggccatgagc gttgaagaca tatttatctt   60
tcacttgtaa gattttgttt tgttaggctt ctaaaacact caacatcagt nngggctttt   120
ccctaccttc atttactcga cgcaagcacc cacgagacga ttggtcacat acaaagaata   180
ttatatacag ccgaaacgaa ctgcgaagca acccaccata aggaacagtg acggcaacag   240
aagtggaata catcatatac tgtcacacag acgcaatact tggtgcacga aaacagtcac   300
tatccgncca agcttatacc attctcttgg cgaactaaat acaccagatt tcttggttaa   360
ctttcgagta tcaccatttt gaacctggct acaatcgatt aactgatcaa caaatactcg   420
gtaaatcgac aaacgatacg atggcggcag atcaagggtt tggaggccca gttgagcggc   480
cagacggagt ttgttaacgt cgggccctgg gcctaatggt gaaggcgaaa cccgaccag   540
agaaggagac caccagaaaa ccatcagccg acgaaaangg acgaggccnc ccaatcatca   600
caagtnttac cgcgcgggta tgacaatgtt   630

<210> 3557
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 3557
tgttgaaact cacgatgctc attgtttctt tgaacgaact gctcgtaata gttccggttt   60
aaagtgcaac tcgagacctg aaagttcgat gccacactac tatcaacaag atcagcaaag   120
ggcatgactt gaacgagaca ttanaaatga tcaaggcgcg ttcagctcag cctttgggcc   180
ctggtatcca ataaatggcg cgctatnaaa agatccggcg gcgatgattc actatcagac   240
agcctcgatc agccacatgt ctctgtaagt gattggcaac tcgagcatgg cttnttttcc   300
gctgtgataa gtccctatcc ataagcaatg acgcagtctg tgcggtgaat cgccaagaga   360
taaatcgaag ctcttgcatc gaccaaatca aggataggct caaacaattt gttctcttgt   420
tcgcnaactg gggaacaaga gtcgttttaa ccttgttttt aacctcaacg atgnggggg   480
tnacagag tttatnga gccgcatg acatgttgac tgaacatgtt caaattgaaa   540
ccncctacct ggggggagttt ctactcaaca tggccnctgn tgggatnttc tgaagangca   600
gcaatagcaa gggacttntt ttgataaaaa aa   632

<210> 3558
<211> 224
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(224)
<223> n = A,T,C or G

<400> 3558
gaccctcgac gtgatncacn ccgccccacg acaccctcgt cctggtnaac gaccaggagt   60
cantctggct cctgagaact ccaacaccaa cgtcagcggc ccttgcagtt gctagaatta   120
cncccnaatt ttgaaagcat tgattttaa acacctttta tcaccctacc ccatatacct   180
aaccctcact tgaatctatg ctggcacgct attctgcacc aact   224

<210> 3559
<211> 258
<212> DNA
<213> Fusarium venenatum

<400> 3559
cgaaggagta caataacggg aatcagcact ttatctgaat tggaacagaa tgtagctgct   60
gccaagtcaa ttctcaaatc gacaaaggca tctgagagct tgcaggatta tactgagctg   120
gatacacagg cagtggagag tcgttccgaa ctgtatgagc atattcgatc aatgcttggg   180
acttgggtag actatgactt tacagggaag aaagcgaagg aataagatag cactactaga   240
actaacatat ttatcctg   258

<210> 3560
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 3560
ctgcgggcgg cacggctctt acttgcggag tttatcattc atctctccgc caccgtgaca   60
gttactctgt acgagaatta ctgttacaac ggtgtcactc tgtataattc aagaccaggc   120

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aacccattac catatccatt cggccaaggc tcgcaacttt attatctgtc ttgcttgagc      180
ttgattcgcc atcacccatt ccaagctcca gccttgttga catttatcaa cacttttaaa      240
tcccgggcaa ccagtggatt agaccaggtc caaccataca acaacagtcc tgactcggct      300
gacactcagg gcaacgactc caggtggtag cctaccggta gcctttacca gcctcgcgtc      360
gcacttgtgt tctcgtcaac tgatantgtt tgcatgggtc ctaggataaa ccagcaaacg      420
gtgtccaaca agctcatcat aacatttttt ggaatcctgc ctcgttggcc gctcggtgcg      480
tcgctcgtat tccgtatctt acactatacg ctacctaatc tatctacatc cacatcaaaa      540
aaattccctc cagggggtgt acgtctactg aacccnnccc ttttgctttg                 590


<210> 3561
<211> 225
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 3561
ngcaagagga cgatggggta cgacataaga anagaaangc naggatatcc gccaatggca       60
acgaaaacgt ngatggagca ttatcatngc tgntatgctg ccaaccttan ctactgngct      120
tgncttgatg tacnanccgg cancttggna cttggcnggt tgactacttc attacnacna      180
taacgacggg cgctccncca gtttttttc cttncaaata aaaaa                       225


<210> 3562
<211> 618
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 3562
ttatcgatcg agttcggcat gttcatggag cttgccaagc ggtaaacctc aaaatggatc       60
acgctcagcc atcccgccag ccatcaaact cagaaaagcg aatgtcagcg gccaatgctt      120
tgcaaccctt gtcatggcct cacttacaag agaccatcgg cgaagcacta gcttagccag      180
actccactca gggtcttgca aggacctgtc cagttaggcc gtcgatcctg ctcaaccttt      240
caaacgcccc atcgacttgt ctgtctggcg aggctttgcg ctcgtgattg ccagcgaaca      300
cgtcaaggat ttatcccaaa atctccccat tcaaggcact acaaccaata aagaatctcc      360
aatctgcaga atctggtctg caaatcctgc tcggaagatg cacgatatgt ccgcgcacaa      420
gagttgatgc gataaatcgt tccgcagctt tagctctcta caaagcttat gggtcttgca      480
atagcttgga cgaatgatca tgatcaaaan gcacccggcg atcacccatt gccttctcaa      540
tttggtggtt cgggccccaa cgattgattg taaganccaa tncatcgatt gntttcgaaa      600
cagatattat tccgtgag                                                     618


<210> 3563
<211> 130
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 3563
ngcggccata tatacntatt ttattgaggt ngaaaaatat gacatactnt cctggnacac       60
```

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aatatctttc aacccagcgc aacaaattca taaaanggac ttggttgaaa tttgccatgt      120
ncacatttgc                                                            130


<210> 3564
<211> 169
<212> DNA
<213> Fusarium venenatum

<400> 3564
cgcgattctg ccattccgac agacggaaga agacttggag atggatgatt gggatgagga       60
tctcgacggg ccacgacctg tcaaggagac tgctacagtc gccaatggag atagcgacac      120
attagaacca ccatatacac catcttttgt cctccgaaaa aaaaaaata               169


<210> 3565
<211> 247
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G


<400> 3565
natntttacg ccttgttctt ttngaacact tcatcagcgc gctaggaggg catcatgttg       60
tcctctattg taagaggngn atgggtgata cgggtggccg accaaagcat gtcatggtng      120
ggcaggtgtg ccctcaaaat ctacatgtga angatatgcc tgtagtggna aagagtagtt      180
tcgttggang aangttgact ttggaagact taaaatgagc taatagattt tcttttatgc      240
aaaaaaa                                                               247


<210> 3566
<211> 145
<212> DNA
<213> Fusarium venenatum


<400> 3566
tgtacgagtc caattccact taagcgacag cgtctgtttt gtgtttttag catttcatta       60
tccaaaaggg tagagagaaa cttatctaga gcggtcatat attcatattt tatgaggtag      120
aagaatagac atactatcct gttac                                           145


<210> 3567
<211> 174
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G


<400> 3567
ntctatcgct cgntagaaaa nngctctgaa aaagactccc ttgcaccgtt aataacatga       60
tgtttaacaa ncttgttatc anatacatcc gctaaagagc acagtttacc tcgaggnggc      120
ttccnggctg gttgaacnct tttcccnaag aggggttggt nntttttgta ggaa           174


<210> 3568
<211> 562
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

<400> 3568
gacgctgcga gaagccgtga cccagctgcc ggtgctgcag gtgctggcta cagcgagtct   60
gcctctcgat ccgagacgcg cgacgcctat ggaggcgccc cgaccgaag catccagtaa   120
atgcatcgac gacgtttacc acgacctgac tgatttatct gtcaccgcgg tctttctcc   180
tttcctctac taacacacct gctttacttg ctcaacttcc tctgttaatt gttattcctt   240
cgttgatttc ttttatgttc atggactaca gcagactgaa atcaggctct gcttacacag   300
gagttcagtg tgatttgcga cagtaatggg attggaatca aaaatgggta ctcggcctgc   360
gtcacttgag ttttcttatt gctggtcggt tttgcgacaa ggtcacagat ggaccaaata   420
tggcagcttc cggatctttg caaatcaaac acttcatcag tcatccatcg cgtcttcgac   480
gactttatga tagcttttgg cagcacaaca tcaaccagat gtcgactccc ggcctaatcg   540
gngaatccac atggactatt aa   562

<210> 3569
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 3569
caaattctat ggccaagatt ctggtcgagg aagaaggtcg aattcttcgt gctggtcacc   60
ggttccgtgc tggtttcttc aaacaggagc agatcgatct gctcagcacg attgacgaca   120
ttggttccga tcctatgcac gtgggaatgc taacccgaga tggccgagga tattggtggg   180
gagctgttgg aactcgtcaa gacgaagggt gctgttaggg ccttcaaaga agacagagac   240
gttgcactta agtgcatggc cgaaagtgac ccatancatt gggagcgatt tgtcgatgct   300
cagaacaagt ccgtgccaac attagcattc accagcagca aagcaggggg atgcggngga   360
cganaatgca attgccgatt agagtagtat cacccgtggg acgggtgtgt agtanaagct   420
tgtttggtgg ttgcatggca atgatttgct ggccattgag gggcanacat acatgtttga   480
ngtggacaag aangacataa cttgcgcatg gacgcctgcg cactccttga ttcccatttc   540
ctnttttct gctttgagcg gggagttatt aatctacnta caatctctt   589

<210> 3570
<211> 300
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 3570
tggcgaattc cgttcattgt ttgtcagtag cagaagagcc tcattatcgt tattgttttg   60
tcttcgagta gtcgngggtc tacaagacan cccctcattc gaggctgaaa aggaccctg   120
ttcttcatgt tcctagactt tctagcangg tccaccgntt nctttccccg gcaaaaaaga   180
cnacccctcg atctggtcga atcttctagc catccagaca ggcggatgat tgtgttgcct   240
ggcggttttg cttgaaaatg gatccaattg aggccgtca atcataacaa gnngggctgt   300

<210> 3571
<211> 114
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 3571
nagctaaana tctcgatgac natgatctnn acaaagctgt ngagatgttn nagggggaaag   60
ccntatgcgg tatcgcacgg tagatgacgn acagagtggn atcgggaaga attg   114

<210> 3572
<211> 728
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

<400> 3572
ctcgcatgta gtacataccc gagaatgcat taatcgtagc tcacgtcgct aataaccatt   60
caccacaaac tctttcacgc aaagacagac catcttgggc cgcacagcaa cgcgcaaaca   120
gtgacatgat ttggcccatt gttcactgtg ccgattacag gctattggtt cattaagctg   180
attctctgtt catttgttga ttgtgattca agtaacagat gttcgaatct attcagaaat   240
caacaggcaa gtattaacat atgcccaagc ctgagtgaca caatgccagt tgtataaaga   300
ttctgaaatc atcatgacca gtccaagaga actactcgat atcagccatt aacttctatt   360
accaccaagt atccgcacac acattgaaaa tgaagttcat ttgggtattt accactcttt   420
tcgctttcgg tactgctgac tcaaaccaat ccaagcaacc cagtcanggg acttcacggt   480
cgattacaac tggggatgtg ggtgctgaac tctacacttg acctcgacag ctgtgcatac   540
ctgctgaact agctcggaac cgcttccaag actggctggt ggacgatagg aacagccaac   600
gtgatgagtt ggtcatctng gcttttgtca agtgactatc aatctggact ctttctcact   660
ttgtcctcca catgaatggg aaaaagttga tcaagtcntc angggtnaca aggaagggca   720
acttaaag   728

<210> 3573
<211> 434
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 3573
accgacatgg gaggccactg gcgtcatgaa cgatatcccc aaaagaggcc gttgggaagg   60
cgacgccgca cccgagccac caaaacgccc cggtatgcaa cggactgnta gtaagcaagc   120
cattcagaag gcccagttcg acgtcaaaca aaaagtttcc gatgccatgg atacagcacg   180
tgctgcggag ttagcattgc gggagctttt tagttcttgg agggcagcca aggtacaact   240
cgacaataac tcgatgccat tcgacttcga ccctctgtct ctcgacttcc ctgcgttgac   300
cctccaatgc ttacaacctc ctccaactct cttctcatca acgcagcatc ctacatcgac   360
atcatggtcc gtccagtcgc caggacagcg cgaattcgaa gctctacaga cttggttcgc   420
agggcaattc aagg   434

<210> 3574
<211> 130
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 3574
nccanccatc naatccatga tgagtgcaca ngatcntctn tacgggcgca nnacatttct   60
ctnccancca acacttctga antcttncgc cgtcnttnga aactggtacg gaccnntcaa   120
ggantactcc   130

<210> 3575
<211> 259
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G

<400> 3575
gcnagcaatg ttatggcgac cagcaccaat gagacagcgt atgctccaat tataccacnc   60
gatctgagcg ggtanatatg tcngtgtcta cagggcctcc tggtataggc ttgtctgtgt   120
ccccgagctt tnagcaccga ggatagaaag aaggtccagg gttgagcaga tgcaaaggag   180
tgggcaggtg ttgtatntag taagtagtag caggccagac aagaagtaac aagcgancac   240
cgtnttgaac anaaaaaan   259

<210> 3576
<211> 457
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 3576
ntttcaactt cagccgacat acccttcgca acacttnatt attgctcgtc accaccgaca   60
gcgcttgatt tcactcatac atcaattaaa gcctcttccg acaacgtttc tgcgtcacct   120
cccgaacagt cgtaaatcat acatatattc acagacgcca tgagtgtcgc attcnagcct   180
cggagtttca tacatgangg gggataccct cccatggtg acgaccacga ccatgatcac   240
actgccgatc aacgatttac agacaacgat gtcgccgagc agctcancca atacacaacc   300
gaggcgtcaa tgcttcagac tccacaggcg ttctcggaga cnaccgaggg atgatgccag   360
acgatgctgc tggtgtacac gatgcgactc aacttgactt ggggcacccc acattcccct   420
cccccatcga ggttactatc cacgacggtc ttctgaa   457

<210> 3577
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 3577
ctcccatcc gcccatntgg ttccgtcttc cgtccgtcct cccgttgcct tcccgccttg   60
gatcaaactt gttccccttt gctcccgcac atcgcctta cgccgtcgtc gcaccagcac   120

```
tctnggggct caatattaag cacagtacta aatctgtact atcgntacgg cccttctctc      180
acaatcaaac tactgagcta ggtcattacc tagcccactc tctccacgag ggacccgaac      240
gacctcnctt cgaccaacgc taaatcacac cgattctcgc atatccgtcc acctttggca      300
ccacatagga cctcttggcc ggcgtatctt tactcaagtt gngaccctct gacccctgag      360
gccgaataat ctcgttccaa tactgcactc atacttgata ttcctcacac aacagccatc      420
tgntggacta agcataggca aaatttgacc caacgcatct cgctaaatat tcgagggtga      480
tggcacgcaa tctggttgaa cttcaccttt taataacccg tttttgcccc gccaacgtan      540
anatatctgc gcccttattc caaccccacg ttcacacacg attattatnt tacgacttga      600
ncggcaaaan tttaaaaacc tnggcgaga                                        629


<210> 3578
<211> 482
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G

<400> 3578
caacgaggtt gaattcttgg gattcctgcc cagccgtctc gagaatgccc tgacgacttc       60
tgcccgacag atgaccgatc gtatttatgt ggttgcgctc cctatcgacg gtgccaacat      120
tacagttgct ggtgagagca gcaggttcgt ctttcangac attactgaag aggtggattt      180
gatgatctcc cccgagagca aggacgaagc gcatgaggaa atttaaaagg cccaacagtt      240
agaaggtggg ttttatgtca catgaaatat cactatataa ttacatccca accaatatgc      300
aaaaaggctc atccaataca ctaaatatat cgctagtttt ggctgcgccc aggttgacct      360
tggttccgtt tctatttaag gattttgccc ggcttgangg atgggagttg ccttgtatta      420
caaaaaacgt cttttcaaaa gggagaaaga tttttaagac cagncgacca ctgaccatag      480
gg                                                                     482


<210> 3579
<211> 117
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 3579
nngtacggct tgatagctnt acagctagna catatannca cataactgtg anccnatacc       60
accatncctc taacgaatat acctatgact agggagtntn gatcatgcgt ttncaga         117


<210> 3580
<211> 600
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 3580
ttcatgtcaa acatgcagcc tcaaacggtt cttgtccctt tggtccggcg cagccctctt       60
caacagggat gaatccgggc gtgcattgat ccaatcaggc aacatcaaca gcttttacgt      120
catgcaattt gaccaataga ggagattagt cggttatgct cggctatcca aaccagaagc      180
caagacgacc tgatcaacga atcataacac agtgaaatct ctgctcaaac tccaattcca      240
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```
cttacaacac tcaattcagt ggaattatct ggggggtgac ggaagatcaa caccgctgtt    300
aatattcact gtgatgcacg agttggtggg acgcctgcag tctgcaaaac ttattttcga    360
aacggtgtat gcagatacag catcatggcc taataccaag aacaatggaa aaccaaagaa    420
gtgttcccag gtgtcttgtc atggctagtc atatcatgtt gatgagacaa gtcgatcgaa    480
tacaacttgg ctccatgaac atgcttaatc gccatcacaa gttcgtacgt gcccgtgctt    540
gcatgtgcat atcgacacac agctgcaaaa agtctgtcct gcaattcgag ctgatgcgan    600

<210> 3581
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 3581
caacaacatt gccttctttt attccgtctg ttcaaaacac tacacccaag cccatttcaa     60
cctgttatac tcgaatctta ccattgtata acaaacaaat ccttctgatc ctagactctt    120
acttataatt tacaaagcct ctcgagttcc tttcgactca agtcagtgtg tgggtcgttc    180
gccaccatcg tcgtctcagc attctctctc tggtcttagt tcgacaggta ccattactcg    240
ctccagtgtg agattgtgtt actttataca attccggcgc agaaccgctt cctgcggttg    300
tctgatgctt cagtcttttt tgtcgcatcg tctccgttca cgtttataac aatcaccgtc    360
tcatggctca taccattatg agtagacaaa ctacccagtc acataacaaa gaaagcatgc    420
cggcctcatc gcctcccagc atcaaccact ttcaattcac tttcaactgt tcagcttcca    480
attccggaag aaatagtttc atcgagccag aaccctgatg cacagaacat agactcagaa    540
tcttctgaca gacagcgtac anaattttcc cgaaaaaatc gggcgcacta tacccctacc    600
nggctgggtt ataccncttt tccaaccg                                       628

<210> 3582
<211> 584
<212> DNA
<213> Fusarium venenatum

<400> 3582
tgcccattca ttcacacctc tattgagcta ccaagtctcg gctgcagatt atcaagaggg     60
cttgtcggag gatcctgacg catcgcagtc ttaggagcac gaccgaatac tcaagatcac    120
agtctagttt ttgcatggta ccatctccga ccaattgaca acgacccctg ttgatctggt    180
ggtaattgtt ggagatcgat tgttttttcgc actggaattc taaggcgccc gaaagttgag    240
ccggcttcta cccgaatcca acccacgctc gtcccgatat ttgcttcaag caccgcatat    300
acatacgtta cgatggcttc gatattctct ctccgcgggc tgttcagccg ccaagctgct    360
cccgccgcgc ctacaactcg ccttttctct acgacagcaa acatgcttgc ccgcacacct    420
ccgaaacccg tcgcaaagaa gcccgcagta actgctccac gacgaaagca tgtgcagcaa    480
aagtccgaaa acttctaccg cattcgtact ctccgccaaa acatgttctc tcctgcgccc    540
ccacccctgc gtatggcccg tcttcgatat ctccgacatt ggac                     584

<210> 3583
<211> 171
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 3583
ntgtgggtca cgctcaatac actggngctc tgnatcagtn ctcncctcgt gtncnaggaa     60
cgttggatcg tancactaan cctcaccagg gtgacccgca tntgacgatc cqqqgtccca    120
```

tcaacactga naagnggctt ccnangtcaa aacgtanccg ccnaattngt t   171

<210> 3584
<211> 552
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 3584
cttccaagaa gccncagtnc ctaaaactaa aaacatcttt gntacccctc actactccta   60
ttctccctcg tctaaggagc gaagctccaa ggacaaatgg gcggcactgg gtgagcgacg   120
tngagctcaa gctgctacct ttgattctat taagtcggtg gaaatttcta agccccgacg   180
acacaatttt ggttttggat acaacaaatc ttacgaagcg ggcgtttggg atcattctaa   240
ttatcataac aaatttgggg ccgctaaaga acggtctagt attaaggagt gcccttggaa   300
caagggaaga gattggaact ggcgtcggga tagacgcacc gatctcggag acgttgagtg   360
ggttggaggt tggtaaacgg gattgagtct ctacaacttc caaatgtagt ttggccgtct   420
tgagtccctg gggcgatact cgaagatatt tcgtgccgtt gcttggatta tgacgagagc   480
cttactcgct ttctgtgtat aggatatttt agaaacaatt caaataccag aagtacctac   540
tcaaaaaaaa at   552

<210> 3585
<211> 611
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 3585
gcccgctttc tggatcccgg cctcatatca tgccaccact ccttcaccca aagtcgcgaa   60
tgacgtcgtc nntcttcgca acgaccgtcg ccgcctgctt tattgtcgtc acaatccctc   120
atatgcttcc ttgtcctgtt ccccgagccc gattcgccga tggagatatt atggttgacn   180
aaaatggtcg acgattaagg tggagganaa aggatgccaa tcccaaggtc gaagatggaa   240
tcgtccaatt caatgatgtg tcaaccgagg aatctgaaaa cgcacacgac agagccaaga   300
gggaatgtcc tctaccgaan ccaggaggcg tgttaggcna atggctgggt tttcataaaa   360
acgataatga ggcggggcga tgaccgacgg aaattgttcc aacaacttta ttcaaactac   420
atcgagcaca ttccntccaa tcacatccga tccaatagcc ttgacagcta caaaaatgga   480
ctgggngggg cgaactcctg cnactctcgt ttggctggtt aactnttatc acnaaatatt   540
ggntgggcaa cacttacngg cttacaaaat ctnaaaatac nggatggact nttttttnaa   600
aaagggtttg c   611

<210> 3586
<211> 498
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 3586
ccgaccacca acagggcaga cctggatctt ctgtccttca ctcacganaa cacgttattc   60
anacaaacaa actctctatc acctggtctg ccctccattc naaaataaac ttcaaagctt   120

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cgtacgtttt gtctcgacga gcgactggca acaactatnc tctgacaacc cacacaacct      180
tcgacaaact cgcccgatgg cattgcagac tttagcctgc acagcgctcc agttcttcga      240
gggacactga tgagtgagga ctggcgaaca aaaccatata cacattcact ncttgacaat      300
ggcaccattt actcgcgccg ctgtcgattn aacacttgcc cctgcagttc aactccttaa      360
gancacggnt cgaccttnag tgacgccgaa ccgtcttggt ttttacctgc gaaacgacgc      420
ncaaaanggg acattaaata cgtttggntg nctgcccgat ccgtttggtc ganaaaatac      480
tnaacatgcg cgaactgg                                                   498


<210> 3587
<211> 615
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G


<400> 3587
ggctcacata cataaagatt gggtactcac cgacaaatat aaactctgcc acaacgcgca       60
gcagtatcta taaaaaaaaa ggccgctatt cccattctct ntttctctca gggggacact      120
ttcagggngt gtttnttttt actccacatg gtccccttct taagcgctgt ttcccttttgg      180
atggtttttc tgtctttctg cccgccagac cgcgccctct ctnttttctc tccaatatcg      240
cgaataccgg tgagagataa aagagagtca agaaagaaaa aaaagagggg tccctgttttt      300
tacaaaaaaa gaacaggcga gagcaaaaga tcctctttcc taccgcctcg ttctttgagg      360
ngagtaagag tcgagacgag aganaactat ccccacaacg gngggcaact cacagacaga      420
gagacgacga gacagatncc gcctcatcaa ttgtattatc tttcgcgctt aattattatc      480
ttctggnggg ttggggggct catttttgctt attggagatg agcgacaang ggatcttgtc      540
ttcacgtgcc acctatttcc cctccctccc atgtgancaa gcatntatcc ccgttgnggg      600
tatnccacac ngtnt                                                      615


<210> 3588
<211> 140
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G


<400> 3588
ctaatttggc cgcctgcagc acatanaaga taccccantg gatgcacacg ganacttttg       60
taatcacgca agatgtatct atttacctgc gcagagtaca gagttatagg ttatcgtgtg      120
attgtattga ttgtnggtcc                                                 140


<210> 3589
<211> 270
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G


<400> 3589
cacgaataaa gctcaccgac gctgagaaag aaagcgattg cagggagccg cattaaagaa       60
agggctaccc acctgcanga agaatcnatt ggcgcttggg aagaaggaan ctcaaccgag      120
ggacgtctgc ctttctggta ttcaccggan atgctatgga aagaataata cttcgcatgt      180
```

```
atggagtaag gcgactggcc gagcaggata tggatggggt ttacagaaaa tatcatgatt      240
attcgtcttt ggggatatat atcctcctgc                                       270


<210> 3590
<211> 580
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(580)
<223> n = A,T,C or G


<400> 3590
ggaaaaagcg aaaagaaact tccttgaagc cgccaaccgc tttgcggctc tcaaaatttc       60
cccaaaggaa agaaaccatg ggctgggcta atctccagaa ccaagggtcg aagaatgttt      120
cagcacttga agaaacgaat gctcttgacg ggcacagaat tacccagcta aagggaagga      180
aattcgtcca acctgaaaaa ccctccttct tgctcataan ggactgccct gttnccccag      240
caacaaaggg atacacggcg cttttatgtc tcangttgtg gagccttaca accccccaaat      300
gaatccttat ggcatggcag cacccatgtc caaccagcaa gtcatggctg ggcaaggtgt      360
ccnnaagcga tctcctanaa cgagacaaag ccccagccna gtcacaaat caaggtggag       420
caagcagaca tgtcttcacc aagtcgcatg atagaaggac ttgatgatcc tattttcctc      480
catcncnagg cgattagcct ttccgaagca gttatcatta tnagcctttt ccccnggttt      540
cagggtttgg cgttccgggg gctgccagct cctatcttcc                            580


<210> 3591
<211> 624
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G


<400> 3591
ccgtcaacta ggatgattcg ccaacagggt gttttggagc ttcttgcggc atcagtatcg       60
gaagagcatt tctacgatat cgatcggtgc gcatttacac gcgcattagc tgaacaatta      120
aggatcagag cggcacgctt gagtcctctg tcagcggcgg agctacatgc gaatcttttc      180
tcccactact ccaagatggt acaggacaag catccagaaa aggaagttct aaccagcttc      240
ccgtcgccgc tgcatatgat gatgtctggc aactcaaggc tcccttccat ctttctctcg      300
cctgtatacg aaaacaatca tatgcggagt aacttctcgt catacgagaa cagccgcagc      360
tacatctatc aattcgacta gatgatgaca cgtggacat cgaaagttgg aacgagtggt       420
tgcgtctgat gcctganggt atcaaggnta tcaaagtcga nggtccgttc cgagctacct      480
taaatgaaca catcggctcc tgaaggcttg gttatgaaat gctgaaaaca tcattgcaat      540
ttccangcta nactccagaa cggggttctg nccccgaaca agggaanngt tggtttccta      600
aatggaacat aaaaccttga tcgg                                             624


<210> 3592
<211> 192
<212> DNA
<213> Fusarium venenatum


<400> 3592
aacaatcact cccggctct ctatttcgag tagctgagga gtaggtacgg gtatgcaaaa        60
ggtcacagct tgggaacggt cgcggtggaa tggcgattta tgctggctga ggttgattga      120
tctgtacaaa caaacaaaaa atacgactta catcgggaga aataccaatc tctaatgatg      180
tcaatgattg ct                                                          192


<210> 3593
```
                                - 1279 -

<211> 278
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(278)
<223> n = A,T,C or G

<400> 3593
cagaccctac ttgtggagga ccgggcggat cagggcgtga gcgcagctca atggttggga   60
atgttgagag aaaaggttgt tcagtaaaac agcttgttaa gcgtcaggcg tcggtagtcg   120
ggagaaatag gtcggatcag tccttgtaat attgtgatga ggagggattc aatcaatgac   180
tggagtcggg gtcctggaga tgcagccggc ttgttttttt ttggcaacag agatgcgaac   240
ggtatcaact agatagaatc aaatgttttg tgtgccng   278

<210> 3594
<211> 158
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 3594
nccgaangtt aggtntgcac tataaaaaaa aaacnggatc cctggttcgg gggtggcana   60
acnatttatt ggccctggg cgacngataa gatcccctgg ccatgcccgn tggggtataa   120
aaaattnccc nggcctttac cgccgggatt ttcgggat   158

<210> 3595
<211> 442
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 3595
ccaaattgta gatcaaacgt gagtagccaa ctggccccag catttgcatt ccacatcatc   60
tctatgatga tccaaaatga aaacgacaag cntatgtccg agctcacgct acgacgataa   120
ctcatttatc gactgatcga gatgcttcac gtcacgtcaa tgcagtnttt tcaacgacag   180
cggctgacat ttngaaagca tactcagcca tactcccact tttaatccaa acaacaggat   240
ctttggcaac aaggttttcc ccaaccactt gccatagtat tgggatcggt cgtatgtatg   300
cggtttaaca acgcggctgn natttcaaca atcttgtcaa gtgacaaggt agcatgccct   360
gtcaaagtca acccttcggt tgattagaag gcatccatcc tgggtctgca tccaacaatg   420
ataatctttg cagatnccag aa   442

<210> 3596
<211> 537
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 3596

```
gctgatcaag acntatatcg caagactgga agaggtggag caggcantta cgttgtccaa      60
aacaaggctg acgangccga canggatctt gaagctcaaa gcctanccac cgacgaagnc     120
ccccctccag atcgtgcaac agccaacgtc ccagcgcgcg ctggacgcgg nggatccggt     180
aactacgtca acccgtcaga cctgcccgac gcggtggagc aggacgagat ggctaaaaag     240
acggctgctg cggtgaacgc natccttatg aanaaccata ntgtccgggg aggtgggctg     300
ggcggtccgg angcgcggng aactggaanc atctnttttt tcgnggagga ggagaggatg     360
anggaanaaa ttgtcgaggg gtgaggcttt ggaaaagaaa nttaggnaca ccggtgaaaa     420
gggttgaaat ncctaaaagg nnatcatggc cttacatatc aagcgtatga ttattacttt     480
gntacggggg gaagaatagn gtaaattntt gggnggaata atnngtattt tggngac        537
```


<210> 3597
<211> 565
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 3597

```
cctcccccac ctcattacgg caccacttcc agccaccagt ttcgtttcgt tccgtcccgt      60
tgagttcgct catcaatcag tcaagctttg tctgctctgc ttcacattgt tccttcgcct     120
cttacccttg gcttggcttg cttggcctag gatttcctac cgttgctttc gcttctcttg     180
tctctcgtca cccccccagtc taggtatcct gtaccttggc tcgggtcgtc ctgaacctac     240
ctattccata gccctgagat tcatcctcgg ctgacttcca ctctccaacg ttgtactctg     300
cctgtctaca tcggtactcc gtacagtacc attacctanc tacctaacta cctacctacc     360
tacacttgac cagactcatt tgctcgctcg caaaacggna cgggacagaa canagaaggc     420
caaccccaca caggcccaag gccaagacaa gacaaggcca naggcaaccc ggcgccgtan     480
cagagcanag canttgctca aaattcggng tacnaagtgc tgactccgaa ctgcggtang     540
nccggagcat tnccacacaa gncct                                          565
```


<210> 3598
<211> 499
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 3598

```
attacaaagt tgagtatagt gtacactcaa actccaacat tgctcatact attcattacc      60
attccccaac attacctcga gcatcgactt caacaatcaa cgacaatggc aacgcggcca     120
gagagagata ttgaagagat ggccaaggga tggnccaaag ccatggggtt ctccaaggcc     180
cgattacagc gcgtgcacga tcttgcanaa natcaacttg acgacnccat caatgccggt     240
catctggttc tnganaatgt gtgtttgttt attcatgcat gcgtaaggca tggacaatcc     300
cgacctcctc tgaactttgg gcaagttctt nattctgagn acggtattat cgtatatcct     360
ctgcattcca ggaggacata aatatccagg attgggcatn gagtgacatt tacggaggca     420
tatcggggca tattatgatn tgtgggggac acncncaagt ttcctcctcc tgccctttgn     480
tttatgcaaa accaccccg                                                 499
```


<210> 3599
<211> 179
<212> DNA
<213> Fusarium venenatum
```
```

<400> 3599

```
ttcttacata ccatcgcgca aaggcacatt cttcaggcgc cgaccagaaa catgggtagt      60
gggttgcgtt tctagacgag acggcgttta ccaagggcac tcgaaccatt ggtgtggcag     120
cgattgatga cttatgatag acatgtagca acaaaagaaa gcgtatccaa ttgttgcgg      179
```

<210> 3600
<211> 543
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 3600

```
ctttatcaac tttaatacct atctaggcaa caacatcatc attattgtca tatcgcatcg       60
cctattctaa ttcatgataa taatttggga ccattcagca ttgtcgccgc cctaaaatat     120
ttcttgggac ttttatttgg aatttttttcg tcgatctcgt cattcgtttt gcatttcctc    180
aaccatggga ctccctctgt ttatcgctcc agtcgagtca gatctcatat ccaaagctgc     240
cgacaagagt gcgacagcgc cacctcgctc cagcatccgt cgcacacgca ctactggtcg     300
cgtcactgaa cgcgccgaac gccgcaggat cctgcgccat tttgaatcac tacgacagtc     360
tggccttata catggccccc gtgatgatca atctacatca tgggaaactg gtttcccccc     420
tgacaatgaa ctgacaacaa ggccgctgcg tgatgtgctg anaaacatga atgcctccga     480
agaacccaaa agggaccatg ttgaaaaacg nctgccnctt ttttagggat ggagtactcc     540
tct                                                                   543
```

<210> 3601
<211> 662
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(662)
<223> n = A,T,C or G

<400> 3601

```
cggcttcttc actcgcggag gcatcggcca agtttaccgt gttttgtaac tcttggcctt       60
gcaatggcta ctggttgatc ttatcagatc tgattggacc tgataccgaa atcggttcag     120
tggggtataa ataagtagca aaataaaatc tggagatgca aagatcgcat tgtctgtctg     180
atagcagcca aaacaaacaa acagttcaga ttaatcatcc caaaatgtct tcacagccct     240
tccagcaaaa gtcaccaatc aagattaggc tgcctgagcc ttatctcaca acatactatc     300
tcgagcccat tgctgagaac aagcagtcct atcgtctgcg caaagacgag tctgcaaagg     360
atggcaagcc attccccaag gctcttcacg gcgatgacct agtcttctcc aagatcccaa     420
ctgcggaatc tgacaagatt cctgattctg ataaccgcga gtatgcgcgc gcgcgacgaa     480
ntcccgtctg gttgctgagc tgggagaagg agacacccac actcgcccag acctggatgt     540
ccttggacac tttcttcgca tacactttcg acgttgagca attccgtctt ccgtcttcga     600
aggcctttgg ggccgaagac tggcaaggct ctcctncaag gcncatnaaa gctnaacccc     660
ag                                                                    662
```

<210> 3602
<211> 226
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 3602

```
nctggactgg aaatgtcttg gttncggacg cccctataac aggtngtgat cgtataccta        60
tccgcgtcgt cgactgggaa ctatctcagc ttggtgtccg gcctcttgat cttggccaat       120
tcatanccga gctctggtcg ctgaagctat acagggacat agatgctggc gagtggctca       180
tncaggcttt nggctgctgg ntacggtctg gtagacaata actttg                      226
```

<210> 3603
<211> 412
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 3603

```
naanttcatt aaaactgatc caaccatttg tgtttctcgt cgcagatcca ctgcgtcatg        60
agacccctat aaactctgga ctcgatatat ttatggacca tttttacgat actaattagc       120
ttgaccttcc tccaaaggga ctgtcgctct atctgtcatt cgacacatcc catctgtgct       180
actactttcg gtctttccgg ctgtanaana aacactacca gnttttttca ccaagcattg       240
caaacacaat ctagtcattc atccattgaa tactttacac ttactctaag acaatatcga       300
ggggaacaga tagattgcct gtttccaact caattatctt atatcatcaa ccattaacaa       360
ggaccaccaa tcgacaagat gagctntgng tacaagccng gcctttttcg cc               412
```

<210> 3604
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 3604

```
gtcctcattg acttgcagta caaggcattg gatgagatta ccttgtctca ctgtggtgaa        60
tcaagtatcc aatgttggtc gatgagctgg ttcttgtgaa gccatccatc tcaacttgac       120
aggcaggctg ccgtcaatag atgccctgtt ttgtttctgt ttctgtttga ttgaacccca       180
tccatcggaa tgattttttt cactccagac cacaaaattg aaacaagctt atcggcttcc       240
cgagcccgaa caaagagcac atcaatctca gattaaaccc caatcctcaa gcttggcaat       300
cacgatcttt actcgggcag gcatcggacg agaatcgaat attgatggga gggaactttt       360
gagcaaaagt cctagatttt tttggttgga tgaggttctt cttggtctga tccaccgttc       420
cacaaggtca aaaacttatg aggcatttgg caaacaacca tttttgacgg tgtccgctta       480
cgtatctgca gtacagtacg tactacagtt cacagtgttt gagcaagcgc tttctattca       540
attgagttgg caggtatnca tttcangcgt tcattcatcg gctgggaaaa gttgntgatg       600
gtggggcaan aagttganag aagaag                                            626
```

<210> 3605
<211> 329
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 3605

```
ctaacacaga ggtcactggc aaagaatcgg atggaaggat gaaataaaga aaattcaaag      60
atggttgatg agactccacg tggaagatag aggagattaa ttaatgtcac atactgtaca     120
tactgtgagc ccatttactt ttttccttgc gttttatgag cttgggtcaa gcggacgaga     180
gcgggagatg acatcttcca ttgaatgcat gacgttgtat atcttctatt cccaccatta     240
tggtgaggac agacttgcgg atgatttaag gtgttgatta taggtagata tgcntcaatc     300
aaacgatatt gaagtcnaaa aaaaaaaan                                       329


<210> 3606
<211> 483
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G


<400> 3606
actaaaacat tatatttctg ttccaggcag actacaaacc taggcagtct tagttggaga      60
gcccacgtgt cttagagctg cgacgatgcc tattaaagct gacgtagtgc ctggngaagg     120
gatcccnttg cttgttagag ctgacatggt gtctattaag ttgccctttt ggctcttagg     180
gctgnnatag atccctttcg ggttgcgacn atgcttttgg agagngcgca gtggagaggg     240
cattgactcg gctcgtgccg aggaatcttc gtgcttggtc attgcataca agtntggggt     300
caaagtgttg tgcgctggac cctgaaaaca ganattaana ctttggtgga tcaggtatgt     360
gcatttagag ctatcgcggn aagtttgccc tacttatgcc aagactttgg anccacaaat     420
ggaagcgggg gggccaanct ttttacaaca nttttttttt gttantggac aaantattcn     480
cag                                                                  483


<210> 3607
<211> 597
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G


<400> 3607
atttgcaaca gcaacgacaa ctccccgaac gctcttcgtc aggccggatc ctccagaaaa      60
tatctcatcc agtcggacga aacttccgca ctcacaccaa tgaagcgtga atcgtagaan     120
tggttcggcc gggtaaagaa aaagcccatc acacccctca gaaaaggggc tggatcgggg     180
tatctcaacc ttggccgatg acggagaaag cctacaggca gaaacaaagg ggcgggtgca     240
acccctaagg ggaaagctgg atgcgctatt gaaccgttct ggtgctcaag atgcgcctgc     300
tgctcgattg actccccggt cggctgcgag gccaaacacc atagcagaag atctcgcttt     360
cccagggcgg cgaagtactt ccatttgaag cggcgggtcg agctaaagac aggcctcccg     420
ttcaacagat gcttacgccc aaccgaacac cagccgcagc ttctacatcc aaggttacac     480
cgcaaaacgc aagatctccg ctagcctcca agcaagganc gcaatcgggg ctgcggcaca     540
aaccactttc tcaactgcgt ctggatgatt tcaagatcaa ccctcaggcg aacnacg       597


<210> 3608
<211> 207
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G
```

<400> 3608

```
tcnacagatg agtgttggna acaacngacc taccggctcg tctaggtgat ataatcggct      60
tcttttgcgc ccttcctgat cccgcagtcg tnggtggtgt tacattnatg agatctacag     120
ttaanacaag tcaananata gactgangta tgagcgtggt ttacgatncg cttgtgggac     180
atggaaaacg cacttccaaa atcatca                                         207
```

<210> 3609
<211> 341
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 3609

```
cttttgnta ccctcctcca ggtcgntncg gcctcatggg atactgncgg ttattccttt      60
nttntatata tcactcgtct ttccagttng gactgggtga tcttcanatc atggtgggac     120
cattggtnta ccgcatnatg ctggtatggg catttgacga cgtttgtttg attaatccgg     180
cgcctggngt ctantattct cctttcctct atcctgtcat gagagaagca gtggtgttna     240
agaggaggcc tttctcttta atgttgagaa cggnggcaaa gctcatgctg gtgcataaaa     300
atgatgggag gcggttntca tagacagncc ganttaatat g                        341
```

<210> 3610
<211> 267
<212> DNA
<213> Fusarium venenatum

<400> 3610

```
aggcatacgg tgtcagcagc cacacaatga gctgggacca gattcaagat cgcatcgata      60
gctggaagct tggcagcttg ccatagattt gatgtggtat cgtaccaaga gatgatgtgt     120
tggtcacttg catgacgtcc tccgtgaaga ggagttgtat aatagagtgg gatattgtaa     180
agcatatacc ggacattggg atgtagcatt atgaggagta gaaagactat gatggtcggg     240
aaaatatgta ttatatgagc ccaccga                                        267
```

<210> 3611
<211> 274
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 3611

```
natagcgttt caccttcaa gcaacagcnc cggactganc tttgggcgga gcaagaggaa      60
gaggatcccc tnttcacaga gacacatnct cgccttgtga accgagcanc gcnaatgtcg     120
gcgccaggct tctatgangc tttcaacaat agtcatgatg attaaggat gtccccgttg     180
nggccgtatc tatctaagcg agttggagga aanaccttat cttntncatt atgggaatga     240
nttaccccn ncaatttttg gcacccgttc aaag                                 274
```

<210> 3612
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(624)
<223> n = A,T,C or G

<400> 3612

```
caacctttaa caaagctatc accacgttcg ctatcctcct cgccctcctc acccttctca        60
acttttagga agtcctcgtc gactcctgtc actcgctttt atattacggn gccttgatac       120
tacaagaacg gtctcactta cgatcctctt ctcttacatt tctggacatt cgatctcttc       180
ctattgcgga taataaggaa cactcgctct gtacaaggaa tcctcatcgt ctacaacgtc       240
aagctagaat tacctggact cgatccccaa gctttcgaag atcggctgtt ggttcattca       300
aggatacaag atcctcaact ccgctcacat gctcattcaa gcttgaagct actcgactca       360
tctttgtaca tccacactcg ctttacggat catcaaactc tcccaganag gaaaaaaaac       420
aaatcaagaa cgccatattc gatcgctccc tcacctggat atttggaaaa cgacaactna       480
ttgcacccc aacattccac agccaagatt tcagattctn caagactcat ctgcttttat       540
cttgggaaaa taatcgactg ggggaaatat tggattggta cctttgncct aacgctcgct       600
ttcaatccac aagttcgtct ttgn                                             624
```

<210> 3613
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 3613

```
gggnggggt tacccacacc aagaatgagt cagaacacaa gaggtcaaga caggaatgaa        60
tgacaacaac aacacaacaa tcaacaacca tgatctttag agttcccggt cgtggccgaa       120
actttctcca tcaagagaaa cgttgccatg acccgaaccg gatacatgga agccttcatc       180
ccccatcttg acactttcta gccctcgtcg gactgtcggc gagctcggcc atctgccgct       240
ggctttctcc ccgcattgcg gcccggtcaa tactctatca tcatccgcta ttcttttctg       300
ttgaggcttt tatcaaagcc gatgttttat cttaggctcg gcgagtctat cttgtttaat       360
catttctttt ttcacacacc atctgggtgg atcgcataca tggatggagt ttcattttat       420
ttattgcatc attagggcat gggacactgg atacagtaca ggttcttgca tcaatcctcc       480
aacactggga tgaatcaact ggtacacact tgggaacagg aacataaggg cataggatat       540
gcccccnccc cagcatttca ttggttnacg gcgacatggc atggaaatat ttaaaaacct       600
taaganagtt tgggcggcct aatgcttg                                         628
```

<210> 3614
<211> 619
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 3614

```
aggacatgtc tgcataggtt ctattggcat gattaccatc taatatcgac atttactata        60
gtcattaccc aagaaagggg tggtgtcaaa ggaaatggtc gacacttaat cgtgatggtt       120
catagcggan actcaatatt gtttctaggc aggtaggttg ttgagggagg tcgctccttn       180
tttacgagtt gcctaactga cctaatcacc cctcatcaca acaacatgga atttctcctg       240
aagtaaatcc agcatctgaa ctgaataatt ctttcgttca ttcatcgatc ggaataacca       300
cctaattgat catggcacga ggaaacacag gcaacgagga aagcaccct ggcgtaatcg       360
ggtttcaagc ccaaaccaaa ctgattcanc tgaagaagga aaggaatgac cgcatgtctg       420
agatcgtgca gcaaacagcc accgaaatgg aaaacttgcg ctctcgcgtt gtcgcatttc       480
aacaagaccg acatgccaca gaacttgaag ccattgcttc tgctatcacc agggttatcg       540
aggctnttga gcgcaggaaa gccatcgaac aacagatgga gacactcgtc gaccaagttg       600
```

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```
cctntaccac ccaggtgng                                                 619

<210> 3615
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 3615
tcnaatttga tataacattc ttttcaggga tctggactac tctatgatat gcatctccat    60
cccattcatg acccgcataa tatcgtatgt atcttgctta tagttcatcg ggagggtcca   120
tcgtaacccg aactgtctgc acatcatggg cccgtgctat tatgcataca tcccttctcg   180
attcctatac cgccttcatc cctaccggct tttnaacgtt ctcggcgtc tgcctgcctt    240
tacttcaatt tgagccacgt anaccgcagc caatagttga ggctggagaa gtttctacct   300
tctttgggaa ctgcttgtac acaacatcaa ggaaagcata catattttcc gaccctccaa   360
tgtaatcgag tgtctccata atggtctctt tccattcatt attgaggtct cccttgacaa   420
cgcgttcgaa caattcggtg acaacgacgg ccatttccat gccgcaacgc aagtcttgcn   480
aagttggtgg ctggtggtac acggnttcca ctcataccta naaaaagtgg ccgcttggtg   540
ctccttgggg ccccatgaa gctcggggng ctcgaanagt catggccntt nttgcccgnc    600
tggaggaaaa aaggag                                                   616

<210> 3616
<211> 199
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 3616
ntgcatttan aggncccaat tgnccttaaa naattccgtt tacaaatcaa angcccgggg    60
gnttaaaaac gnttggaata gggaaaacct tggggttttc naatttaant gggtttggag   120
ncaattcccc tttttccanc ttggnttntt ggccaaaagg gccntcccgg ganctccttt   180
ccaaggattg ggcnggctt                                                199

<210> 3617
<211> 392
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 3617
tccaccgcc tcgaatcttc ctttccccgc tcttttgcgt gggctgttgt tctcctgcgc     60
ttgcctcacc ttcttcgaca acgacttttg tatttcagtc tcgctttgat aacttggttg   120
atcacttcca aacgctcgtt gtgtatttta tccaactttg gtcattaagg aaaccgtaaa   180
gttgttgga tgttcttgta tctctatatt ccaaacaccc gacgacgctg gccgctcgac    240
gactttgccg ctacaaaccc gattancgaa ccgattgtcc caatattata tatcttgtct   300
tggagaatcc tcggtcaacc acnaggacat atctntgggt ataatcacac tcacaccacg   360
ncatccgcaa ctgtatgaca catatctcaa ga                                 392
```

<210> 3618
<211> 114
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 3618
tttttttttt tttnggggggg cgacgcgnga acacgngact tttatattan ctttacctac   60
actacctact aaggtattga acctacctac ctggtaccta acacaaacat gagt   114

<210> 3619
<211> 102
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 3619
ncggttttn tttcggttgg ccanagggtt acaantttan aactggggaa acctntggtt   60
acccntttga anacccaagn catatnttcc cttttcggng ct   102

<210> 3620
<211> 413
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 3620
ttttctctcc aaggactgat taatttgtag atgacttgag aataagtcaa gatcaattaa   60
aacatcatgg aaagtgaacc gagagcgccg cctgcgttgg ctctgccgcc cgctccaatg   120
cccgcatggg aggtcttgca aaatcttcag cagctccgac agaatcaaga tgagggacaa   180
gaaagtgatc atgatatgac cgacgagggt tttgatgacc acgacgactc ggacatggat   240
tcagctcttg gatctaactn ggcagattcg acttactcct tgagctcaag cattttcgac   300
taccgaaccc tgcatggccg aacatatnat tcanatagag gcactgccca ggcttcgaat   360
gatgatcaag caagcgagtc gctggatctt gccaccnctt nacttttntt tta   413

<210> 3621
<211> 483
<212> DNA
<213> Fusarium venenatum

<400> 3621
cagactctca accaaagcta tcaacaatta agcataaacc ttctctacta caacttccgt   60
aacccaaaca caaccttaac aacattcatc atgggctggt tcagtgacga ctcaaaccaa   120
gctcaagcgt acgagacagt gactcaacgt cctcatgagg cagagtggtc acacgaactg   180
ataggtggag ctgcagccta cgaggctgcc aaggcctatg agaaccatgt tgctcggaat   240
ggagagcctg atagccacgc tcaagcaaag gagatcttgg caggttttgt tggtgccttt   300
gttgatcgag agattgagac gaagggattg gattacgtcg acgcagagaa ggccaagcgt   360
catggaaggc aacatgcaga agaacagttg agctacaaca caaccaggg ctggaactag   420

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aaccatgctg agaaaataaa acttagctat gttattaatt gatcctgaac gcaaattgat   480
aag   483

<210> 3622
<211> 341
<212> DNA
<213> Fusarium venenatum

<400> 3622
cgagaggact gtgctgggag aaaggaagat atcacaaagg tcgacgacga ctgctctcag   60
tgtgaaaaca agcccagccg attcaggtcg tcgcggtggt gctcagtcgg atgctgcgtc   120
tgccagtgag ggaacagtct acaagggaac aagaagggag ggtaacggga atgattcgat   180
tcggtcggag taacacgggt ttgaatttgg gaatacggag tatggaggaa gggctttttt   240
ctgtagcaac cgagttacct ggagtttacc ggcttctcaa tttattagtt atgaatcaaa   300
tgattccaat tcactcgcat tggtatggtt aaaaaaaaaa a   341

<210> 3623
<211> 603
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

<400> 3623
gtctccagcc agtccttcaa gtgagattgt ctcaacgaca cttccattcc ttcttctttc   60
tttccaaagg ctagtccttt tacctgtctc gacnacattc acggattgnc tggtgcaatt   120
cnacccttna ttcacatacc caacaatcga gctacgactc ttcagtccta tacccatatc   180
actcgattct gtcttgacga caatctcaca acctgaacat caaatctatc gccggaacgt   240
ttanatttac ctccctcatt caaaatgttc gcgaaggctt tcaccattgc cactttggct   300
tcatacgcca gtgctcacat gctcatggcc aaccccaagc cttacggaaa cccaggcaat   360
gccctctcg acgcttatgg gcggacttcc atgcaagggc caagtcaacg acggttcatn   420
tancaatacc tacaaggnag gnagccccac aacttttctt tattgggtcg gncgtcacng   480
gggagggtta tgccagtttn ctcccccgac aagaacccac canggctttt gttggaaggc   540
atccttntat gnggggggnt gcctgcnaaa aacaaagccg ggaataccc gaaaaagctt   600
tgt   603

<210> 3624
<211> 132
<212> DNA
<213> Fusarium venenatum

<400> 3624
caattttctc ttgacgaaat gtaaactgtt gaagatataa aaaagctagc ctgatattcg   60
ttcaagtact taaagaaata tcaggctagc ttttttatat cttcaagtac ttgaacgaat   120
tgatcatgga ag   132

<210> 3625
<211> 605
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G

<400> 3625

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```
cataaggtca caaacacttt ccaggcttaa cagcctgtgc tcgtatctcg tcgctccttt      60
caaccccatt tccttgtacc gtcgatcact tcccataacc cggccctaaa atgcaacacg     120
atcttcaaac atggccgaaa gtcaatacca agaagcggca ctgtcgcaat cgtaatcgcc     180
cgtctttatc aagcattcgc cttttacaat gtcctcgagc tcaacgccta catcttcggc     240
agcttcaaga ancgcagccg gtctatactt ttgggagttt tgtcgttgcg acatggggca     300
tagcgttcaa tggcaccgga taccttattt tgcatctgtc gctgtcggag cagaagtacc     360
tatactctac actcattctt atcgggtggt gcacaaatga tcactggaca gtctgttgtc     420
ttgtactcgc gtttgcacat tgtgatgcat aaccagcgtt ggtatgaaga tggtcttgat     480
tatgatcatc gcccatgccc tttggntgga tcttcctgtt atcattctgg tctatggcgt     540
aggtcntcca accaacgcct ttcagaaacc naagaagtct ttgaaaaaat caacttacgt     600
tttct                                                                605
```

<210> 3626
<211> 275
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 3626
```
gatagattgt acagnggcgg tctatgatat atgtccttgt ccatatccaa acagtcagtc      60
accgttgtac ggttccatct ggtctatctt tcagnggaga tgaccaactt ggctttccag     120
ccggagacag ttcccgttgt tagtgtagcg gtatcgcagg tcattgggcg ccgttgtcta     180
ggtccgtctc aggggggcatt ggaacttgga atcacgggcc accaagacga ctgttaggtg     240
ttgggtactc tgtacgtggt tacagaattg atccg                               275
```

<210> 3627
<211> 597
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 3627
```
gtcgccttct gtttcagaag atgaaatcac tatatggaga cttcagctcg agcaagaccc      60
agattgggcc agcaagcgcg agtcatcact ggtggacgac cttttcacag aactcttgga     120
gcttcagagc ttttgggatg cgcaaaggtt caaaaatttg gcccatctgg acttgcaaac     180
agcccaagac gacttgaact attgtaacgg cgttctggac acttttttcaa ctactgatcg     240
ttctaacaag caaccaaata gacgaaaaga aaagcagggt aaagttgagg ctgagataag     300
tagctggaaa gcagcttggg ggcttctttt caaacgcttc aatggactga tctctgccgc     360
tctcaaacaa gaggcgaaca tgtttccaca aacggttgat gacatctttg agttacccga     420
gtcatggtng ggtgcttata agaacaagca ggagcttgtg aggttactcg aanatagatg     480
gatgcgttgc accaagattg ctgtccttgt cattgagtct gctcaatgct ttgaanaagc     540
gaagcaggtg atggagggac aacaagagat actgggcatg tttgggattg gaagaaa       597
```

<210> 3628
<211> 246
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 3628
```
ngatacttcc tgaacttggt ccgccaaagt gatgaccagc gcgtcaaggt tgaggctgta      60
gacctcgaga ccccaccgcc cggcatgcat taatgacgag gcatgtatac ccgaaggaac     120
acaatgcgga tgtatacacc tgnggtcagn gcttcagatc aagatggaaa anaacacacc     180
aaaaagtacg gggttgaatt gggaacganc gattgcatgt gttatgcctg atgaaagana     240
atgagt                                                               246
```

<210> 3629
<211> 237
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 3629
```
ncgggngaan aaaccngatc caccttntct ttaagcaccc tgccttacgc gggcgttctt      60
tttttnnacg tcctnanggg accaggtcaa catccntccc gcgnngtgtc tgangacatn     120
gantccaatt gtggtgcatg cnggggntat aaaaaaaaaa taggttgctt taggtcttna     180
agaaggctgn tggtggcttc ctntggaccc caagtaacgg ggcanggatn ttcaaag       237
```

<210> 3630
<211> 314
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(314)
<223> n = A,T,C or G

<400> 3630
```
ctcgccgagc ccaagcgtng tctatttatg tttcgaagta gataccgaca atgtaacaca      60
cgatattatg atggtctatc ggtggtaata cgggaagccg ggaacaatga cgtacaactt     120
atagnggcgg aagaccgacc acattccgta gatgagttga cgccattgtg gtacaagaga     180
tgctggaaat cttttattta ctcataagaa gttgatcatt agagattaat gaatatgggc     240
caaggactac caacggttaa ttgnccccaa ggcaaaaatc ccgtggctga aggtccgagg     300
taattgccat gatc                                                      314
```

<210> 3631
<211> 567
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 3631
```
aggaaatgca gttactaaaa acatcaacct tataactctt cccttgatgc cgtctttgcc      60
tggccttgct cttgaccgct cttgacttnt ttttccttaa gtgcttgaac tctgatgtca     120
acctiggtct tttgatcagg ctggcgctcc gaatgtanaa cccaaccaac aactccgtcg     180
tcnacaggct ttgggctgta cttggacaag tcgataagtt gatctgcgat ttggttataa     240
gccattgcac accaaacaca ggaccagact gggtatctca tcttaccttt acattcactt     300
gttcccgcta cccagagagg aaggataccg tataaagcac caggtgcaaa aacggcaacc     360
ttgtttttat cattttcccg atcgatctgg tcggcttcgg gaaacctaac gacctcttca     420
```

```
atctcatctt cgcgttcttt ggtctctcga gcacgggaaa aagcgcctta ccctcgccgc      480
gggtcgctct gntgtcaatc cattcgcgaa ccccaganga atctgatcat agttcatcac      540
agtccctgcg accaccagcg ggagggt                                          567


<210> 3632
<211> 619
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G


<400> 3632
gtggnggtga catccaagcc ctccaacgct ttgccaatgc ccaggccgtt gctttccgaa       60
agattactaa aaaatataag aaatggnctg gttctacaac tcttgccact cgtttataca      120
aaaacatcct ctccgatcct aaaagcttta ctcgtcgcga cttctcctcc ctgcaacagc      180
gatatgacga catcacctgc actctcaacg ccgctgctcc cgtattgagt gaacctagct      240
cgccagaatc agcagctcat ncttatcgcc gccaatccct cgcaggttct atcaattcgg      300
cgcaccgtna ttgtaccaac cgttctcaac ccaccttcga attcctaccc ccggcacata      360
tggatgagcc ggtcaaatac tggaacgaat acgacantgg gagcgagtgc gcggacaata      420
acaggggata tgctatttac ataaatcctg aagaaagcnc ccacttccct gggttgacta      480
tctgcacggt atntttacaa ttnctttgaa caaaacaaan gggtgggttt aagcacanta      540
aacccggaga gnggngggt ctactngggg caaaccattc cccttacaat tttncaaccc      600
aactttttaat agccgcggg                                                  619


<210> 3633
<211> 443
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G


<400> 3633
aagaagcagg agcttgccct caagcgtctt gttaccaagg ccatgtcctc ccgataaatg       60
cacaacactg tttgagattg cagtggtgta gatatcccgg agtactgata ttggaacttt      120
tgataaccaa ccaccctaaa cgcctcgcga ggggtgatag ggtttaccac cggcctgggt      180
ggaatttccc tttgtcatta acggtaattg gacaggggag atgaccaagg catatgaaaa      240
gttctgcatg tttcatgggt atgccgctcc cggacgtggg cggntatgac tactaaaatg      300
agagccgatg gaaaacaaaa agggtccaag atgattgtan actcgttggc cagggtttac      360
aaggggtgga caatggcctg tgaatttaag catagatatg gtagattgca naaaaggaat      420
gatgctnttt tacctattcc aaa                                              443


<210> 3634
<211> 138
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G


<400> 3634
catatctnnc catcgaangg gcccataccc cgggatctnt ncttagttcc agaaagcaga       60
aagtgggaca acagggtcga gatccttgga attatggcga tttgatctag aagatcccga      120
```

```
ttcagcataa ctcttcgc                                                    138

<210> 3635
<211> 240
<212> DNA
<213> Fusarium venenatum

<400> 3635
gcctgggaca ggacctacac gcggtcggca tctggatggc ggggtaagca ggcgaatgaa    60
taatatcagt gccagtctca agcactttga tgagcagtat gaagatcgca aatcctcaaa   120
aagtatctgc gcaggactac cagaatgcag ctaatttcaa tggctggctt tcccaaccga   180
gaacccatga tgtttaaagt tgaacttcta aaaaagaatg atagctctac gttgctccag   240

<210> 3636
<211> 246
<212> DNA
<213> Fusarium venenatum

<400> 3636
tttcatgggt tatgagcgcg ggtggctaga ccatcaggat acggatattt gatacctgcc    60
ctacgatggg aaatgaaacg gccacgacga cgctacagga cgcatgggca tggcctcagt   120
agagaggccc ggaagcgttc atgaagatgt ggaaatgttc acgatagatt ttcttttttt   180
cctttgggtc cggctcttga agcctttagt agtaccgaat aaatgggatt cccatttaaa   240
aaaaaa                                                               246

<210> 3637
<211> 418
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(418)
<223> n = A,T,C or G

<400> 3637
aaggtaacct atgttgcact gctgggggcg ctgagagaca ggcagaaacg gcacagcaac    60
ggccattttt aggtatgcaa ggagcatgga aaagccttct tcatcatgcc agggtgctgt   120
gagggacagg cctgagcgta catgagacga gaagatgtct cgtanccaac aaagcaaagg   180
aaagaaaggc tcagcanggg agtgagaaat tgcaagagac tgttgagtcc agcttattga   240
gtgtggctgg tcgtgttgct ggggcaaatg atcatttttg ctatgtacca ggtggtgaaa   300
actcaaatgt cgagggagga agaatgggat tgtggaaaaa agccccggat gtctggttac   360
ccgtgtagaa ttgcttttct ccattcaaaa caaagttatt agcaccaatg caaagctc     418

<210> 3638
<211> 340
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 3638
ggcatcagca tcggagcatc tggagttacc atagcatatt tatatgtggc agaccggaag    60
gcctgtcttt tgtttgttgg ggacagcggt gcatttattg tttttgtcct gttcacattg   120
tatgatatat ctatatctat acctatctgc acatacaggg aggagtttcg gcgttttgcc   180
caaggtcaag gccttgcctg acagggctta actttttagt gttctgaagc caggcaggca   240
cacgatgatg accagcatac gaggcatctg ggccacacca aagtctgtna aaatatattg   300
```

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atgcccttcg atttgnaggg cttnnggaga aaaaaaaaaa   340

<210> 3639
<211> 540
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(540)
<223> n = A,T,C or G

<400> 3639
cacccagcat tcgagtctcc agggacgaaa ccgatagtct cgcatcaaga accacangga   60
ggggagacga agacacgcca ccgacttcgc ctgacgtccc gtcacatcgt tctaanaaag   120
gattcttgag caaatggcga aaaaactagg aatnctttag ctaaaagtct ggcctcataa   180
cggnggggtg tacucctggc ttcgacatga ccatgactgc tgcaacgacg tacacggccg   240
aatattatga cctgcaacga ccgcattcca aaatgcattt gcatcaaaaa ggatcactct   300
ctttctccct tttcatttgg gggcttggac agcggggcgt ttatgttgaa ataaggaccg   360
gacttttgga gtgggacgga gttttgtctg caacaaaagg caaaagcttg gatatgtact   420
atagcccctc tggcagggca aaaacagcaa tgtcacccat atacaggagt cggctcacct   480
tgtagtaacc cgacataaac actcgttaaa aattaatagt ttaccngtnc cttctccctt   540

<210> 3640
<211> 341
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 3640
gatgccgcca atgggagtca gtgagcttcg tattggcgat ggagctgtag atatcaaggg   60
caaggagacg cgtggtgttg gactacaacc agttccccag aaggagccag tgcccgctcc   120
tccagtacca gcgaagagga taggtttagg ccgacagttt ggacgattgg ggggcgctgt   180
ggcaggtaaa ggccgacgca accaatagac attgcacgaa agttggatca tcgttgctct   240
gcctggtagt caatttgcga ctcggggcac ttgacggcgt ttggatgcca ttaatgtata   300
gtatcaagca aaaaattaat ggaaacattg tcaacgtnnt c   341

<210> 3641
<211> 245
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 3641
ctcccgtcgg tggaaaacag gcttctggaa ccgaggcccc tgctcctgtt cccctagcat   60
aatcaagccg tgtgctgttc aagaanaaat gtataatagt gggtgatncg tgcaagaacg   120
ggcggaggtc atattatntg anattaattg tcatggagcg ttatcatttt tctatctcaa   180
gaaacgtccg acacaaatnt ctgagcaggg aaatgtctgg acagctataa agtccttcct   240
gtgat   245

<210> 3642
<211> 586

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 3642
gtcaactatc ggactaacaa cagcgctgag aaacttgcct cctcaccata gtgtcgggtt   60
tgggaccaat tcagcacgct tctggaacac agactagggg tggctaccta ctaaaagctt   120
gcactgataa aaataattat cttgcctacc tagatagagc aagaaaggg aacgagaatg   180
agaatgtctt ggtttgatcg tcccacttaa tcaatatgga aaactcatcc aacttgttag   240
caaaaggtcc ttcgtcaaac aagatggttc catttgtctc cagccaatct tcatcacgtg   300
gcgaactttt gttcagctcg gctcacattg tcaccaaaag gtgttggaac ctttggccaa   360
cccactcata gccatgaaat tctgccaaaa tgtcaaacat gatcttcata attgtcacng   420
gcgatcggna atttcgttag anatgttcaa tttactgcgg gctcnggctt ataattgcca   480
tactactaca gaattttgga ctacctaaat actggttcct ggtnctaact ggatgaaaat   540
gttattagtg cgtcaggtca tcctgttaat tggtaacact ccaaga   586

<210> 3643
<211> 128
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 3643
ntttctttnt tgggganctn tcagagaatc accctgcggg cagnttcttt ctgactggtt   60
gtgtgggnaa cccgggaccc tttctaaaag gggttgaaac aaacccgggt gcaaccctgn   120
ggtttcca   128

<210> 3644
<211> 577
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 3644
cagaagtcag acggcttccg cgtaagccgg tcgatcaagt tgtaaacagt cattctttaa   60
acaattttaa tctcactcat tcctttatac aggttactac cctaagtcgt tcctttcctc   120
cagttgtctt cttcgaatgt aaggctgcnc acccatcttn aatataacga ccagagatac   180
caaacgattc anggcgattg acaacactac tctaacgagc ctattaagct ccttcgctcc   240
gatggtcata gaaaccgacc gaaaaatgga agatggcgtt ggaatgcggc tcttattgga   300
gggcaanaaa agactgacta taggagccga tggattggag ttcaatggcc cgattgccaa   360
aaaaacggc cgctcttntt gtgctcctnt tacaagtact ggatcttcca aggacattat   420
cccttctat aatgtgctat gggccgaatg cnccacaat cacatngnga tcgactttct   480
atcccccttt cnaaaaaact aatcaaacct gggaaaaggg aatttgaact tgctccgggg   540
nggnggatga ccattattga ngggaacngc ccccccc   577

<210> 3645
<211> 286
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 3645
ttcgtgtccc ggactttgct cttcaaccca cgagcaacta ctaacccgaa cgattcaaga   60
tggtgagtga ataaaaaatc aactcgactc taatggccac agttttgtga gtcaaatgtg   120
ctttatgcgc aattgaagcc gcagcgtcgt ccatnttttg ngggcnacac atgctgntgg   180
tattccgcca gttttcgatc accgnaaaaa agtgtcgagc tggngaaaac ttggctggag   240
atgcggcgtg tgcaaaaatg ccatggccta ttctcgttag agttca   286

<210> 3646
<211> 289
<212> DNA
<213> Fusarium venenatum

<400> 3646
gtgtcggcga tgtgttcgcg tgacgaagga aatgttctct cgacaaccgc ccaggccttt   60
tccaccaact caccctcagt ctgtacgcaa agttcagcca acgcaactgc caaaggatgc   120
cactgcacat atgtgtctga ccaccaagcg aagcggtcct cccattgact cttggtcata   180
cgctcgcgta gctcaatgat agatattgcc gtacgtagca tagtttcttt cgatacacga   240
ggtcggtccg cgccggtcc tccattgaac ggatactgta tgttcaacc   289

<210> 3647
<211> 511
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(511)
<223> n = A,T,C or G

<400> 3647
gggttctttt tctgtatcaa caagcccggt catgatgaag actanaccgc cccgtgtgct   60
gtcgagtccc gatgttgcag aaggcactgc attcaatgtt acnccgcctn ttgatcaaag   120
gctcgaagct gcgatatcgc ctaaatcagc gggttggaca catcctccag gatcaccgga   180
tacgtcgtnt ntttcaatga gtcctgacca tctccgattt gggcgtggag aagcaggtcg   240
gttacttgcn agaagccact ccgacctgtt tgctactgca acacaaaatc ggctccggaa   300
ggactcgaaa gacaagggaa aggacgaatc anatggcaag aaggataana aaccgtctgc   360
gttgaggggg attcgagggt ttatgtatga atgatgaggc atgatatagt tagcaactag   420
gagcggcaac ggatagctag accccttgga tagggcgctt ttatttttat aaatccccgn   480
gctngatgcc ttttgnttct ttaaaaaaaa a   511

<210> 3648
<211> 158
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(158)
<223> n - A,T,C or G

<400> 3648
natttattat acnatcgagt tctcaacaga gtgaaacggc tggaaccact tcacatttct   60
ntcacttcaa cataactttt ttcaaacaat tttaaccaca aaacgaacat tcaattcatc   120

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atggctttcc tnaanacatt cctcgcctct ctgntcat   158

<210> 3649
<211> 601
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

<400> 3649
atagttacga gagggtgagg agtttcgcct acacatagaa gctgctacgc aactccgcaa   60
cgcacgaagt cgctggaaac tgatgagccg cccctcccag cagctaaacc aagttggcac   120
tttttggct ttgctatctc gtaccatgtt gtttaagcct tcttcacttc catggcgcga   180
cagcaatgag caggctactg ctgcagaaga tgaagccata caatcaagcg cttgttatga   240
gtacatatat ggtatcaagc caagtattgc cgtagcaatc aaccgggctt gtcgtcctgc   300
tgagcaattg cttcgggttc nagaagaang agaacagcaa ataccgggac acctttgctg   360
ggaaggttgt taaagaatta aggtgacatg cctanaatcc ntggcnggtt aaaaagaaga   420
gaatcccaca ncaaatatcn nagttgacca atganctttg ggggccctgg attttttact   480
ccatcaancc aaanggtttg gtacnctggc tggcacttat cctactacta tnacccgcat   540
cccaaaggtg ctcaagcccg acngggcctc antccaagaa gnttactgct gtccncggaa   600
a   601

<210> 3650
<211> 104
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 3650
nattgngagg natggctctg atgntatgtt gntggatctg aacaatncac aaancggatg   60
gactttcgat nattattcca gtttnacctn cagcccnaa acgt   104

<210> 3651
<211> 424
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 3651
cgagtacgat tctattccca ctgtccatgc tcatctnaaa gggcttgaca aggtttgccg   60
tggcgctgag tggacaaggg cttttcaacg tttccttggg agacttcaac tgggctccag   120
gaacgtcagc gtcntttatg acaccaacct ccgaaagatg ggaattganc cccagagga   180
aaccgagtct tgggttgacc agagcgagcc agcaaagttc gctggacatg tctacagatt   240
cgttggtcgt cagtgcagat ccgcatcctc ggaccgacat ntttacatcc tctaccatcc   300
cgatgcagag tggcacgcan atttgtacga gctgctacag gataagcctc ttncracaac   360
ttcttggctt ctccgacaac ctngatgccc tngtgcctac atncgtttca tccgaaagcg   420
acta   424

<210> 3652

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<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 3652
```
attttcacca tgggcgagaa tctcgtcatt tattataatg actccatcga ctcggacaac      60
ctcgccgccg ccatggctct gtggaaggcg acataccaga ggccgaacac tcgtgtgatt     120
tggattatag agcctcgtca agtgtgtttt ggactatcca tgactgcgga gcaagtatcc     180
aaatgtaaag atttgataca aaagcacttt tcgtcactag ggaacccttt caaggtgctt     240
ctgggtggac ttatcaagca gaaggatctt gataagactg agggtctcaa agaagctgac     300
cgtcatctac ttcaaatggc tgtcaaatcg gaatacggct caaaggacaa tgctgcactt     360
catggtcgcc tcactgcttg ggactttgct tcttgtttgg ccgagtggtc aaacaacgac     420
tcaaataaag tttccgtgga ctttgaaagc ctagacgaaa tcgaaaatcc tgtgaacctt     480
aattttcatc accatgaaga gcttgtcaac cggagcgcag acgaactgga ggcatacgat     540
aatatcctga cgaacctttt gccacagcga acgaagagcc tacaaaactg ggtacgagga     600
atgtgttaag agaagcgccc ana                                            623
```

<210> 3653
<211> 479
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 3653
```
ggggcacgcc gacaatggat ctagcatgca attgtcaaga tatctactcg ctaggtctcg      60
tcttcctaaa catcgcaaca gttctataca atgtccggtt ggccgacttt gacgaagctc     120
tgaaatatcc atccaagaaa tacacaagaa gaacagcttt gcgagcgaga aagaagctg      180
aacgcccaac ttgaaaagct cacatcccat gctctggtca cgccaacttt tatgtttact     240
tatgaagggc aagaaacggt ccgtcccaag ncaatttgta aacttaattg ctccaatgat     300
cacccgaaac ccgaaaagtc gactgcatgc gtacaagata gacgaaaaag tttgtccatg     360
ctggggaagg attcatcaaa tatatcaang gaatgnttn caaaagaacg atttcctggg     420
gccaaggcaa attgggacaa agaagctcac gacnttgaca agtccnccga aggggaaac     479
```

<210> 3654
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 3654
```
caactggcgc ctggtcattc cgcttaacaa ggttattgag taccgaatca ccgatgccgt      60
caatgatcct atggagttga agcccgtggc agcatggtct ccagaggaac ttgtcacagc     120
cgcgcaatct gctcttggcg acaaggcagc tcagtgggtt tccgaagcca tacccatagc     180
gcagtggtgg gtcaaggaac gccaacgtct ctggcggtac cacagcttgt catcatagac     240
gttgacattt tttattattt ttatctcttg catcacaagg cgttttgggg actttattc      300
gctcaaactt catctctcgt gtcggtattt ccacacaaat gcatctacta tatatcatca     360
ctacaagcgt gaacgacgaa cacccgctct aacaccagat ttgtccccgg atggatgaga     420
```

```
ctcggaaggg ctcgcggtgg tttacgatca tctcttgaaa acacagcgat aataatatct    480
tgacattttc tctctacaat tcttgtaaaa aagantgtga caaacttggg ttgggtggcg    540
gcagtcgatc caatgcggaa tagaacggaa gaattccaat cttgtctttt              590
```

<210> 3655
<211> 357
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 3655
```
ttcgcggccg naagaatttt tttttttttt tttnccatng aataagtttn naaagttcaa     60
tcgtacaatg tcaattnttn tgtcctgcac tcgctacgcc tgaaaacana ttaaggaaat    120
gcnaaacagt tcgtcctttc cctaaccgna accttaatca cctggncccc taaattccat    180
tccaaaggac gtnttccatg cattgcattt catgccccat tcctgtgtct ttgccacttt    240
atatgttcca tcgcagcata ccattanagt aaacaaaanc ctataaaaan aaaatcgaaa    300
aaaaggaatt ggatgtcaac aagcagccgc caaatccaat tcgcatgcgt ttgaagt      357
```

<210> 3656
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 3656
```
gagcggtcaa ctttctatgt cacgagaaga agaacagaca gtacatcccg ctctcttccg     60
tgcaaaacaa ctactacgag agattgtgta ctacgatgca tctcagccga aacccctcct    120
acgaatcgaa gccagttttc ctccccggac tcccattgat agtcgtcctt cgactgaacg    180
gaacgtgctc ttaagggaat gcacgacg gtacctagtc tcgttggatt tcgcagcctc    240
aaactcgcaa agcatgagtg tcaggcaatg gctaggagtt tttatctctc tttgcatctt    300
tagtgctgtg gacactattt tggtagacct tgcttggtcc ttccagggaa atgacccgtc    360
gcaagcaggt ncaacaccga cagaaagacc tgaccaagtt atccgaagcg tgtaccaggt    420
gctagtttct ctattcagta cttcgaacga tcccttggcg aacagctctg aatccgacga    480
cgcaattgtc cacaacatcg ctcgaattat caggcgcgaa tactggcctc ctaggcacct    540
tttctcaagc atcgactttc ttatgaanct tggtgcaggc qaaacacc              588
```

<210> 3657
<211> 401
<212> DNA
<213> Fusarium venenatum

<400> 3657
```
cgacattgac gacatttaag ctccttcctg gaatcaccaa atccccttct ctctccaccg     60
agccccgac ctggtcccgg gtgctttacg cgttcctcgg ctggcgttgt tgatactgtc    120
ttctctctca aacccggagc cgagcactaa aactctgtgc gtcgggtccc acgacagtag    180
ttgctgtgga gtcatagaca gccatggtgg gagggacgtc atggcgtgtc gctctcttgt    240
cggtttacaa tatcacgttt qagttttctg tcttggtctg ttattaaggt agttttactg    300
gacgaacatg gttttttttct taacgcgtca tggtcatcgc attcatctca aaagcacagg    360
gttacttaga caagacaaga aaatgcatac aattctttca t                      401
```

<210> 3658
<211> 438
```

<212> DNA
<213> Fusarium venenatum

<400> 3658
cttgaaagtg ttgatgccgt gaagcaaaga ttgaggaaaa gcaggatcac ttctctacga   60
ttgaacgaac ccgaaaaaaa cgaaacaaag aaattagata ttacacgatt ctgttcagag   120
cgacggttga ctcttggtct gttgattctt tctgtggagc tctttgggac tctgcctgta   180
gtgagtcttt cttatagcgg cttaacgtca gtcttgatga aagagacagt gcaatacttt   240
ggggaaagaa tgtcaaggca ttacgaatga tgccaaggaa attcatctta cagcctttgc   300
ggagaccagc tacacttgta tgccatgtct cacaggggat tgttgtatac taaaaaagat   360
ttgcaagggc tcttctgacg tatctgcgtc ttgtagcttt ttatgactcg gcaattgatg   420
ttgtttatgg aaaaaaaa   438

<210> 3659
<211> 462
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 3659
gtctagagcc tgcagagggc atttatctac acgtacctct taattatccc acgagaatca   60
acgaacggag ttggttccaa ccaagcaaat tgcctattga gggcctgtcg tggacgtaaa   120
cacgcccgtc ggttcaagga ccacacattg ggtcgtccta ttcccggctc tanaatacgt   180
tggcgatact ggaactctag cagacctcac aactttcaat cgcaagatgt atcacgatgc   240
gtgtgtagtg gagaaggggt tactcaactt gaacttcttt caagtttttg aaaagacagg   300
ttcaaacgct tgtcacggta tcacatggca cggggaacaa aagttatggg ttatagttat   360
tcagcatttc gtcaatcata aatgtattaa gatttgaaga tcatataaac ccttctgaac   420
aacnattccc agccgagggc caacccggca gaagccgttt at   462

<210> 3660
<211> 184
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 3660
atgatactac tttgactggt gtctactttg atcctaagcg agagagggct cagcctcatg   60
ccttgacggc agatcaagat aagcaggagg ctgtagttaa ggcttgtgag gacctcactg   120
gtgtaaagct tcaaagctcc taggtgtaga aaatacaaac gcataaagaa tacatacaaa   180
anan   184

<210> 3661
<211> 321
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 3661